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Harriman Alaska Expedition

1899 - Nov. 1900

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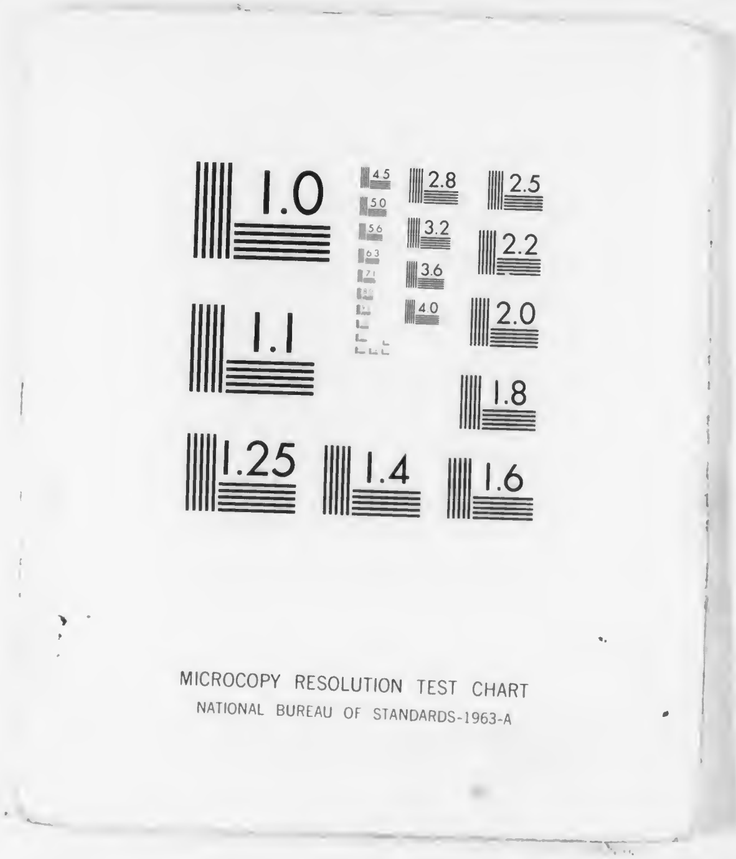

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Harriman Alaska Expd.

1899 - Nov. 1900

Vol. I

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M N C R G R S T U W Y Z

Washington
April 4, 1899.

Dear Mr. Harriman:

Thanks for your kind letter. I have seen the Secretary of Agriculture and have obtained his approval of the trip for Seville and myself, with one assistant each. So there will be no obstacle at headquarters. F.V. Seville, you may remember, is the head Asst. Botanist.

By completely removing my field plans I think I can get away and I can assure you no one is more anxious to go than I.

After receipt of your telegram yesterday Dr. Mitchell called [illegible] said he was going to New York on the night train, so I suppose he will see you sometime today.

If I can assist in securing the necessary camp outfit I shall be glad to do so. I assume that not to exceed eight persons will ever want to camp out at the same time. If so, two small tents and 8 hammock sleeping bags will be plenty. I of course have my own sleeping bag, and I am reasonably sure that all of the Washington men have their own field beds.

The camp kit should be simple and light, to admit of carrying. I can attend to it if you wish.

I shall write Dr. Morris in a day or two — as soon as returns come in from those to whom I have written.

F.W. Chapman of the American Museum I consider a most desirable man. It might be well to secure Mr. Jesup's good will in getting him [illegible]

Washington
April 4, 1899.

Dear Mr. Harriman:

Thanks for your kind letter. I have seen the Secretary of Agriculture and have obtained his approval of the trip for Cavill and myself, with one assistant each. So there will be no obstacle at headquarters. F.V. Cavill, you may remember, is the head Asst. Botanist.

By completely removing my field plans I think I can get away; and I can assure you no one is more anxious to go than I.

After receipt of your telegram yesterday Dr. Mitchell called and said he was going to New York on the night train, so I suppose he will see you sometime today.

If I can assist in securing the necessary camp outfit I shall be glad to do so. I assume that not to exceed eight persons will ever want to camp out at the same time. If so, two small tents and 8 Kennard sleeping bags will be plenty. I of course have my own sleeping bag, and I am reasonably sure that all of the Washington men have their own field beds.

The camp kit should be simple and light, to admit of carrying. I can attend to it if you wish.

I shall write Dr. Morris in a day or two — as soon as returns come in from those to whom I have written.

F.M. Chapman of the American Museum I consider a most desirable man. It might not be well to assume Mr. Beard's good will [illegible] in getting him [illegible] family [illegible]

Retake of Preceding Frame

Washington
April 4, 1899.

Dear Mr. Harriman:

Thanks for your kind letter. I have seen the Secretary of Agriculture and have obtained his approval of the trip for Carville and myself, with one assistant each. So there will be no obstacle at headquarters. F.V. Carville, you may remember, is the head Asst. Botanist.

By completely removing my field plans I think I can get away, and I can assure you no one is more anxious to go than I.

After receipt of your telegram yesterday Dr. Bitchett called and said he was going to New York on the night train, so I suppose he will see you sometime today.

If I can assist in securing the necessary camp outfits I shall be glad to do so. I assume that not to exceed eight persons will ever want to camp out at the same time. If so, two small tents and 8 Kennard sleeping bags will be plenty. I of course have my own sleeping bag, and I am reasonably sure that all of the Washington men have their own field beds.

The camp kit should be simple and light, to admit of carrying. I can attend to it if you wish.

I shall write Dr. Morris in a day or two — as soon as returns come in from those to whom I have written.

F.M. Chapman of the American Museum I consider a most desirable man. It might be well to secure Mr. Beard's good will in getting him if you think it worth while. With kindest regards to your family, I am

Retake of Preceding Frame

Washington
April 4, 1911.

Dear Mr. Harriman:

Thanks for your kind letter. I have seen the Secretary of Agriculture and have obtained his approval of the trip for Cavill and myself, with one assistant each. So there will be no obstacle at headquarters. F.V. Coville, you may remember, is the head Bot. Botanist.

By completely removing my field plans I think I can get away, and I can assure you no one is more anxious to go than I.

After receipt of your telegram yesterday Dr. Pritchett called and said he was going to New York on the night train, as I suppose he will see you this morning.

If I can assist in securing the necessary camp outfit I shall be glad to do so. I assume that not to exceed eight persons will ever want to camp out at the same time. If so, two small tents and 8 Hammond sleeping bags will be plenty. I of course have my own sleeping bag, and I am reasonably sure that all of the Washington men have their own field beds.

The camp kit should be simple and light, to admit of carrying. I can attend to it if you wish.

I shall write Dr. Morris in a day or two — as soon as returns come in from those to whom I have written.

F.M. Chapman of the American Museum I consider a most desirable man. It might be well to secure Mr. Jewett's good will by interesting him in getting [illegible] for the Museum.

Retake of Preceding Frame

Nov. 22, 1899.

G. P. Putnam's Sons
New York.

Your letter of the 10th inst. making inquiries respecting the further report upon the Harriman Alaska Expedition is at hand. In reply I would state that a report embodying the main important results of the Expedition is contemplated but that as yet no contract for publication has been made.

It is Mr. Harriman's desire as well as that of the authors of the various chapters or parts, that the paper, press work and illustrations shall be of the best American workmanship.

While I am not authorized to take final steps in the matter, I should be glad to consult such of your best work particularly with regard to illustrations, as you may refer me to. Probably you can tell me where copies may be seen in the city. It is intended to reproduce a considerable number of plates, etc, but not by half tone or other process requiring coated paper.

Respectfully
C. Hart Merriam

Nov. 22, 1899.

G. K. Putnam's Sons
New York:

Your letter of the 10th inst. making inquiries respecting the proposed report upon the Harriman Alaska expedition is at hand. In reply I would state that a report embodying the most important results of the expedition is certainly desirable, but that as yet no contract for publication has been made.

It is the Harriman desire as well as that of the authors of the various chapters or parts, that the paper, press work and illustrations shall be of the best American workmanship.

While I am not authorized to take final steps in the matter, I should be glad to consult such of your best writers particularly with respect to illustrations, as you may refer me to. Probably you can tell me where copies may be seen in this city. It is intended to reproduce a considerable number of photographs, but not by half tone or other process requiring coated paper.

Respectfully
E. H. Harriman

Retake of Preceding Frame

TEXT RESUMES.

February 4, 1900.

Mr. Charles A. Keeler

Berkeley, Calif.

My dear Keeler:

I am sending you herewith a small package of photographs and shall be very glad if Mrs. Keeler will undertake to make line drawings from as many of them as she feels she can handle satisfactorily. When the drawings are made, be kind enough to return the photographs with them.

As a rule, a good deal can be cut off the top and bottom of each picture to advantage; though this is not always true. In the case of the sealers in a canoe in Glacier Bay, I should be glad if Mrs. Keeler can replace the rope in the man's hand by a rifle. This can be done, I think, without altering his position.

In the case of the totem pole with the bear coming out of the hole near the top, the background might be omitted and the pole used as an initial letter 'I'. In the case of the old log church at Juneau, the city brewery and other buildings can be left out so as to show the old church alone. In the case of the balanced rock on Muir Glacier, the mountain and half of the foreground may be left out.

I am hoping to hear from you in a day or two respecting the prices of these drawings. I expect to send you other photographs later.

With kind regards to Mrs. Keeler,

Very truly yours,

E. Hart Harriman

Am sending 15 photos intended for reproduction reduced to 3 or 4 inches horizontally.

February 4, 1900.

Dr. George Bird Grinnell

Editor 'Forest and Stream'

346 Broadway, New York.

My dear Grinnell:

Burroughs has sent in his narrative of the Harriman Alaska Expedition and I have a typewritten copy of it before me at the present moment. Mr. Harriman is anxious to secure the other papers for the first volume at once and to put this volume in the hands of the publisher at an early date. I write, therefore, to ask if you will kindly let me have your chapter on the Eskimo and Indians at the earliest possible moment. Your article will be illustrated by a number of photographs and also, I think, by some line work text drawings made from photographs.

Very truly yours,

E. Hart Harriman

February 4, 1900.

Mr. E. E. Fernow
Dean, School of Forestry
Ithaca, N. Y.

Dear Fernow:

Can you send me the manuscript of your chapter on the 'Forestry of Alaska' for the first volume of the Harriman Expedition, next week? If not, how soon thereafter? Do not be frightened, for I really do not require the manuscript so soon, but Burroughs' narrative has actually been received and we are going to crowd matters and try to publish the first volume right away this spring as soon as possible.

Gilbert tells me you do not want our slides until you send us word. It would be a good idea to let us know as long as practicable in advance as I have quite a number of talks on hand for the next two months. I have also now a pretty good series of colored slides, some of which are really very fine.

Very truly yours,

C. Hart Merriam.

February 4, 1900.

Mr. L. A. Fuertes
Ithaca, N. Y.

Dear Fuertes:

Mr. Burroughs has completed the narrative for the first volume, and other papers are likely to follow at once, so that we are anxious to prepare for early publication. I should be glad to know, therefore, how early it will be possible for you to make a few bird paintings for us, and about when we can count on receiving them.

If you are not likely to visit Washington in the near future, I wish you would let me know at once what your prices to Mr. Harriman will be for colored paintings of birds. Perhaps you had better submit two prices---one for pictures of single birds, the other for composite pictures. As I understood Mr. Harriman, he wished to purchase only the use of these pictures, you to retain the originals in accordance with your expressed desire.

I am arranging a meeting with New York publishers for the latter part of the week and shall be greatly obliged if you will send me by express, on receipt of this, a few of your paintings including some of those made on the vessel, but including also some complete pictures which I can show them as samples of your work and also as samples of what will be required in the way of reproduction.

Can you give me Knight's address? I want to try to get him to do a big bear for us. The large skin from Kadiak received last fall has just been mounted by the National Museum and is, so far as I am aware, the first specimen of this species in any museum in the world.

C. Hart Merriam.

February 5, 1900.

Macmillan and Company

New York.

Dear Sirs:

As you are doubtless aware, Mr. E. H. Harriman of New York took a number of scientific men to Alaska last summer under very unusual conditions. He took as his guests about twenty-five men eminent in art, literature, and various branches of natural science. The party was conveyed across the continent by special train, and sailed about 9,000 miles on a steamer especially chartered and fitted up for the expedition. In addition to the scientific party, the services of two professional photographers and two stenographers were secured. The route and work of the expedition were placed in the hands of an executive committee and a very large number of localities were visited. From Vancouver Island northward to Glacier Bay, which is the farthest point reached by the regular steamers, the ship followed the usual 'Inside Passage' route taken by the tourist steamers, and then continued on to Yakutat Bay, Prince William Sound, Cook Inlet, Kadiak Island, the Alaska Peninsula, the Shumagins, and Unalaska, and thence across Bering Sea to Plover Bay and Indian Point, Siberia, and Port Clarence, Alaska. The various islands in Bering Sea were visited and a vast fund of new material was secured. Many thousands of natural history specimens were obtained, chiefly in the fields of zoology and botany, and more than 4,000 photographs were brought back.

On the return voyage, it was decided to publish the results of the expedition in a series of volumes of which I was chosen editor.

M & Co. 2.

The first volume will contain the narrative of the expedition by John Burroughs, a chapter on the history and exploration of Alaska by Dr. William H. Dall of the Smithsonian, who has visited Alaska fourteen times and who has been for more than a quarter of a century the leading authority on that Territory. It will contain also a popular chapter on glaciers by John Muir, chapters on physical geography and climatology by Henry Gannett, Chief Geographer of the U. S. Geological Survey, a chapter on the Eskimo and Indians by Dr. George Bird Grinnell, and brief chapters treating of several other subjects as indicated on the accompanying provisional schedule. This volume will be profusely illustrated by photogravure (or other) reproductions of photographs, and by numerous line illustrations in the text. It is Mr. Harriman's desire that in paper, illustration, presswork and everything that goes to make a good book, the Report of this expedition shall be of the highest grade. It is expected that the first volume will contain in addition to the text figures and reproductions of photographs, several reproductions in color of paintings by R. Swain Gifford and Fred S. Dellenbaugh, and some very beautiful colored plates of birds by L. A. Fuertes. All three of these artists accompanied the expedition.

The scientific results are expected to fill two or three volumes and like the first to be richly illustrated, in many instances by colored lithograph plates.

The manuscript of the narrative by John Burroughs is already in hand and there is every reason to believe that the other chapters for the first volume will be ready shortly. These facts, and the circumstance that it is necessary to proceed with as little delay as possible in the matter of reproduction of illustrations, makes it

M. & Co. 3.

important to arrange the details of publication at an early date. I omitted to state that the size of page decided on is Royal octavo (7X10 inches) with a typebed approximately $4\frac{1}{8}$X$7\frac{1}{8}$ inches.

If you are interested in this work from the standpoint of a publisher, and would like to consider it further, I shall be glad to arrange an appointment with you and show you a number of the photographs available for illustration.

Respectfully,

C. Hart Merriam

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Poems	Dall, Burroughs, Devereux, Keeler & others

February 4, 1900.

Mr. J. Stanley-Brown

Union Pacific Railroad Offices

120 Broadway, New York.

Dear Stanley-Brown:

If Mr Harriman approves the plan of having a number of line drawings for text figures made by Mrs. Keeler and others, it will be necessary to furnish the artists who do the work with photographs and detailed instructions. In going over the set you and I selected this morning, I find we need eleven prints from the Curtis negatives, and others from other sets. It seems desirable that an unmounted set of the Curtis prints selected be ordered for this purpose at the earliest possible moment, and that I be authorized to have made here such additional prints from other negatives as we may be able to assemble in the near future.

Now that the photographs used in making up the dummy volumes for the 'Souvenir Set' have gone to Mr. Harriman, we are left without prints of 50 of the Curtis photographs, and a number of others, which it is desirable to have before us in selecting illustrations for publication in the volume. It seems desirable that duplicate prints of these should be made available to the Editorial Committee with as little delay as practicable.

In the case of the Curtis prints, I submit herewith a list of numbers of those desired for the use of Mrs. Keeler and other artists who make the line drawings. If you will order these prints from Curtis, with Mr. Harriman's approval, I shall be greatly obliged. Please let Curtis understand that they are needed at once. In the case of

J. S. B. 2.

the other negatives, I can have prints made here of all the negatives available at this end of the line. Mr. Devereux has promised to send me his, and if Mr. Averill is willing to do likewise, we shall be able shortly to get together all we need.

I enclose herewith a letter to Mr. Brett which, if it meets Mr. Harriman's approval, you may forward to the Macmillan Company.

I suppose you will send Mr. Burroughs at once a typewritten copy of his manuscript in order that he may make it conform with the original. With a little pruning, and here and there a little amplification, I think his narrative will be very good.

You are aware that for a long time past I have been spending much time on expedition matters, and now that we have arrived at the time when innumerable details must be decided, and the work must be pushed energetically, it is desirable that we should be able to get together as often as practicable. I should like to see you particularly next Saturday, and would suggest that if matters in New York could be so arranged that you could give me at least half of each Saturday for some time to come, the work could be expedited.

Very truly yours,

E. H. Harriman

poor imprint

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February 5, 1900.

Dr. William H. Dall

Smithsonian Institution.

Dear Doctor Dall:

Mr. Harriman is anxious to push the first volume of the Expedition Report with a view to its publication in the early spring. Burroughs has completed his narrative, of which I have the typewritten copy. Several of the other articles are under way and will be ready shortly. I shall be greatly obliged, therefore, if you will kindly let us have your chapter or history and exploration as early as you can conveniently prepare the manuscript. I had intended to see you before this, but have been housed with a bad cold.

With kindest regards

Very truly yours,

C. Hart Merriam.

February 5, 1900.

Prof. A. E. Verrill

New Haven, Connecticut.

My dear Professor Verrill:

I was very glad to learn from Mr. Coe some time since that you were willing to prepare the Report on echinoderms for the Harriman Alaska Expedition. Ritter wrote me from Berkeley that he would send you his material if you desired it, though I believe it contains no species additional to those in Coe's collection. Shall I ask Ritter to send you his specimens, or has this been already attended to?

We are anxious to secure the various special Reports at the earliest practicable moment and I shall be greatly obliged if you will kindly let me know when you can have yours ready. I should like to get the illustrations under way as early as possible. Shall you need more than one full-page plate (typebed $4\frac{1}{4}$x$7\frac{1}{4}$ inches)? You can have more if you need them. I think we can have the plate lithographed although it may seem best to reproduce it by the Heliotype process. We are anxious to get the drawings together as soon as possible in order to settle the methods of reproduction and give out the work.

With kindest regards to Mrs. Verrill, and other members of your family, I remain

Very truly yours,

C. Hart Merriam.

(Personal).

Washington, D. C., February 8, 1900.

My dear Grinnell:

If I were you, I would not publish any of the H. A. E. photographs without first obtaining specific approval therefor from either Mr. or Mrs. H. From certain recent remarks I have heard, I infer that they are rather jealous in this matter.

I infer also from what was said to me respecting the Burroughs' Narrative that they are entirely averse to publishing in the book anything that has been previously published in the same form.

I have had 15 or 20 text figures made for your Report, and shall have others drawn in the near future. These are mainly odds and ends in the way of poles, masks, oil boxes, and so on. Before a great while, it will be desirable for us to get together in this matter.

Very truly yours,

C. Hart Merriam

To Dr. George Bird Grinnell
Office of 'Forest and Stream'
346 Broadway, New York City.

Washington, D. C., February 10, 1900.

Dear Doctor Dall:

Many thanks for your excellent paper on the 'History and Exploration of Alaska'. Your promptness is almost phenomenal. I wish, however, you had made the paper two or three times as long.

Have you any suggestions as to its illustration?

Very truly yours,

C. Hart Merriam

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To Dr. William H. Dall
Smithsonian Institution.

Washington, D. C., February 13, 1900.

Mr. L. A. Fuertes,
Cornell University Club,
The Royalton, 43rd St. near 6th Ave.,
New York City.

Dear Sir:

Your letters of the 6th and 7th came several days ago, and the drawings you were kind enough to send followed shortly after. The latter I am going to take to New York to-night to show prospective publishers, along with several other batches of a different nature. I was sorry to see that the Hall island jaeger was not among the others.

With respect to the finished pictures for the Harriman report, I want particularly the Hall island snowflake and one of the jaegers. The golden-crown sparrow also should go in, and I think the Kadiak Pinicola. Undoubtedly there will be several others which will be particularly desirable to illustrate passages in the several chapters, the manuscript of which has either not come to hand or has not been read by me. You undoubtedly feel that you can treat certain species to better advantage than others. I should be very glad of suggestions as to what species you would like to paint. My idea is that we should have several colored plates in the first volume; and some black-and-white ones, with perhaps a few colored, in the ornithological report.

Many thanks for Knight's address. I shall write him at once.

Your bear skin is too much for me. What a sly fellow you were to tuck it away without letting me see it. Your sketch looks

L.A.F. 2.

a good deal like the glacier bear, Ursus emmonsi, in what we suppose to be winter pelage.

Your exhibit, along with Gifford and Dillenbaugh, will be most interesting. I wish I could see it.

I will try to leave your paintings at the Cornell University Club on the afternoon of the 16th, but if this proves impossible, will try to arrange it so that they will reach you not later than the 17th. I was prevented by illness from going to New York last week.

Very truly yours,

C. Hart Merriam.

Washington, D. C., February 13, 1900

Mr. Charles R. Knight,
American Museum of Natural History,
New York City.

My dear Mr. Knight:

In connection with the report of the Harriman expedition, I am particularly anxious to secure a good colored painting of the Kadiak bear, and after mature deliberation have come to the conclusion that you are without question the proper person to make the picture if you are willing to do so. As we can not furnish you with a living animal, the best we can do is to reconstruct the brute from the recently mounted specimen in the National Museum, in connection with our fine series of skulls and such measurements as are available. Since you were here the large skin sent to the Smithsonian by the Alaska Commercial Company has been mounted. It is a huge beast, and the job is said to be very well done.

Are you willing to undertake the work, and if so, at what price?

With kind regards,

Very truly yours,
C. Hart Merriam.

Washington, D. C., February 13, 1900.

Prof. Wesley R. Coe,
New Haven, Conn.

My dear Coe:

Will you not send your mollusks to Dall at once, so that he can include them in his report. He has nearly finished his report on the specimens sent by Ritter and Kincaid, and would like yours in time to include them. He will name the specimens and return them to you. I believe you have already sent your crabs to Miss Rathbun.

As to the drawings, I note that in your last letter you asked to have them returned. I want to get them under way as early as possible, and would like to send the colored ones to the lithographer. They make up very nicely in two plates, without reduction. The lithographer prefers to have the drawings the same size as the reproduction. The black-and-white work may be done in line and stipple for photo-lith, or for text figures as you prefer. I believe your plan is to have a few text figures and a number of plates. I shall be glad to have the colored drawings as early as possible, as it takes a good while to get them engraved. I think we can pay for the line work necessary on your drawings.

Very truly yours,
C. Hart Merriam

Washington, D. C., February 13, 1900.

Mr. Charles A. Keeler,

Berkeley, Calif.

My dear Keeler:

Many thanks for your last letter and the accompanying second batch of drawings from Mrs. Keeler. I am returning herewith eight of the drawings which we do not care to use. The others are under consideration, and I am sure most of them will be accepted. I think your suggestion as to price about the right thing.

Some of the drawings in the last lot were not labeled in any way. I enclose a very rough tracing of four of them, made by my youngest little girl, Zenaida. Probably you can identify them and supply the needed information. If they are small carvings, are they of wood, ivory, slate, or some other material? Is No. 28 the front end of a canoe, or what is it? The feather masks labeled "Aleut masks" are Eskimo, not Aleut, and are made, I am told, by the Eskimo inhabiting the narrow region between the Kuskokwim and Nushagak rivers.

I still have a number of photographs of Alaska scenery which I will send Mrs. Keeler shortly. I will also send photographs of some articles obtained by us from the natives, which I think will look best when drawn as she handles such objects. Some of the drawings are a little rough, and some of the Indian trinkets seem unsymmetrical, but I suppose this was true of the originals. The reproductions we have already had made show that a little more ink is necessary on the background. You will see what I mean by looking at the reproduction of the Greek church at Sitka, which

C.A.K. 2.

fails to come up properly.

How are you progressing with your articles?

With kind regards to you both,

Very truly yours,

C. Hart Merriam

Washington, D. C., February 13, 1900.

Prof. B. K. Emerson,

Amherst, Mass.

My dear Professor Emerson:

Both of your letters are before me. The check for the slides came duly, and was passed over to the slide maker.

You imply that Palache will not do much on his report before spring. Is the same true of yourself? I do not suppose we shall use the report in the final volume, in which it fits, before next winter. The narrative volume is already well under way. Burroughs' narrative and Dall's history and exploration are already in the hands of the Committee, and other articles are promised for the near future so that it is hoped to bring out the first volume in the early spring.

I have told Gilbert about the slides, and he will send you the memorandum you want.

Mrs. Harriman's address is No. 1, East 55th Street, New York City.

I shall take pleasure in sending you such of the reports of the Biological Survey as are still available for distribution, and have placed your name on our mailing list.

Very truly yours,

E. H. Harriman.

Washington, D. C., February 13, 1900.

Mr. B. E. Fernow,

Ithaca, New York.

My dear Fernow:

March 19 does not conflict with any date thus far fixed for either Gilbert or myself, so I think you are safe so far as slides are concerned.

As to your article for the book, no definite time has been fixed, but we are anxious to get hold of all the articles as soon as possible. I think I wrote you that we had Burroughs' narrative. Since then we have also received Dall's paper on history and exploration, and others are promised for the near future, so that but for the delay in having colored plates made I think we could surely publish in April.

Very truly yours,

E. H. Harriman.

N. 397.

Washington, D. C., February 13, 1900.

Prof. William H. Brewer,

New Haven, Conn.

Dear Professor Brewer:

I am sending you to-day a colored slide and a photographic print of Yale glacier from my negative, and beg you to accept the same with my compliments. I regret that I was not able to send them earlier.

With kind regards,

Yours very truly,

E. Hart Merriam

February 26, 1900.

Mr. Ernest Seton-Thompson
144 Fifth Avenue
New York City.

Dear Seton-Thompson:

Will you kindly let me know at your early convenience whether or not you would like to undertake a painting of the Kadiak Island red fox, the same intended for reproduction in color on a type bed $4\frac{1}{2}$x$7\frac{1}{4}$? If you are willing to make this picture, will you kindly tell me at what price on the basis that you keep the original, and also on the basis that we keep the original?

Very truly yours,

C. Hart Merriam

Chief, Biological Survey.

February 26, 1900.

Prof. Trevor Kincaid
University of Washington
Seattle, Washington.

My dear Kincaid:

As a collector, you are one of the most prompt and active men I ever knew, but as a correspondent, I fear you can hardly expect to take first prize.

Ritter and Coe finished the distribution of their material a long time ago, and Miss Rathbun has already practically completed her report on the crustaceans of the expedition. I regret to learn, however, that she has not received either directly or indirectly, any of the specimens collected by you. This must have been an oversight on your part, as I cannot for a moment entertain the opinion that you intended such a discourtesy to Mr. Harriman as the withholding of this material would imply.

I trust therefore you will forward the specimens at once. If you will send them by express charges collect, I will deliver them to Miss Rathbun immediately on their receipt. The specimens will be returned to you after they have been identified and labeled by Miss Rathbun. In case the collection contains any new species, we should like, with your permission, to retain type specimens for the National Museum, which is rapidly becoming the national depository for type material of all kinds.

With best wishes,

Very truly yours,

C. Hart Merriam

Washington, D. C., February 28, 1900.

Dear Professor Trelease:

Many thanks for the handsome eleventh volume from your garden, just received. It is very gratifying to see this excellent series growing so steadily and containing always such important papers.

Since I wrote you last matters relating to publication have been progressing steadily but have proved much more complicated than at first supposed. Many points, however, have been determined, and I think we shall complete the selection of a publisher within a week. The size of page agreed upon is that of the Washington Academy Proceedings, type-bed 4 1/4 by 7 1/4 inches, approximately. I shall be very glad if Saunders' artist will ink his drawings in such manner that they may be reproduced by photolithography, as in the case of his paper in the California Academy of Sciences. I shall be glad to know how Saunders is progressing, and when we may look for his contribution or contributions.

Coe writes that his paper is nearly done, and he has sent me a lot of colored drawings of worms, for making up into plates. I have a short paper comprising descriptions of new mammals in the hands of the printer.

How about your own contributions? Shall we not have something from you shortly?

Very truly yours, C. Hart Merriam

Dept. Wm. Beebe

Washington, D. C., February 28, 1900.

Mr. L. A. Fuertes,

Cornell University Club,

New York City.

L-44
N-66

My dear Fuertes:

Your letter without date reached me a week or so ago, since which time I have been vainly looking for the fuller letter you promised. The matter of reproduction of the colored plates takes so long that I am very anxious to get the plates under way at the earliest possible moment. If I could have a few of your drawings now it would enable me to make up certain plates that could be taken in hand at once. The one of the Eiders' heads I should like, among others, if you will be good enough to send it, and you will please notice that one of the heads needs finishing. (I think there is a bare place on top of the pate.) I believe you are going to send me a list of the Alaska birds you would particularly like to draw or paint.

Awaiting your reply, I remain,

Very truly yours,

C. Hart Merriam

If you see Mr. Thayer please give him and his family my kindest regards.

Washington, D. C., February 28, 1900.

Mr. Charles R. Knight,

American Museum of Natural History,

New York City.

L-46
N-128

My dear Mr. Knight:

Many thanks for your letter of the 21st inst. about the bear picture. Your price does strike me as pretty steep, but it is quite possible that Mr. Harriman will be willing to pay it. I know he wants the very best work. I understand that your price, $150.00, means the sale of the picture outright, not merely the right of reproduction. If this is correct I will write you again shortly, after laying the matter before Mr. Harriman.

Yours very truly,

C. Hart Merriam

Washington, D. C., February 28, 1900.

Prof. Wesley R. Coe,

New Haven, Conn.

My dear Coe:

Many thanks for your letter of the 14th inst. I should be very glad to receive all of your colored drawings as early as practicable, and will then be in a position to make suggestions as to the necessary reduction to bring them within our means. I think the matter can be arranged to your entire satisfaction, as we both want the same thing, viz: the best possible reproductions. After seeing all of your colored drawings I shall probably return them to you to be grouped in plates. It is quite possible that we may be able to undertake the reproduction within a couple of weeks.

L-47
N-71

Yours truly,

C. Hart Merriam

Washington, D. C., February 28, 1900.

Mr. J. Stanley-Brown,

120 Broadway,

New York City.

Dear Stanley-Brown:

Since you were here I have received a letter from Doubleday, Page & Co., submitting two propositions respecting the publication of the Harriman volumes, and have had a long conversation with their art editor, Mr. Lanier. It is my opinion that this firm will serve us better than any other. They are energetic, enthusiastic, and competent, and are very anxious to get the book, which is a strong point in our favor. They have agreed to draw up a form of contract, and I have requested them to send it in duplicate to you and to me. If they handle the book I think it quite possible that Mr. Harriman will get back eventually the money he puts into it.

Very truly yours,

E. Root

March 2,1900.

Mr. A. W. Drake,

The Century Company,

New York City.

My dear Mr. Drake:

By this mail I am sending you all the photographs you selected except a few of Mr. Gilbert's, which he is having reprinted, and which will probably arrive tomorrow. Mr. Gilbert did not wish to break the set to which the particular prints selected belong.

The ownership of the negatives of the photographs I am sending today is as follows:

Stanley-Brown 4 (2 sealions; 2 fur seals)
Curtis 10 (including the very long photograph of Unalaska)
Gilbert 4 (5 to follow)
Merriam 12.

I shall be greatly obliged if you will make your selection as soon as practicable and return the ones you will not use. The reason I ask this is that a number of the Curtis and Merriam prints are from the official reserve series, from which those to be used in the book are to be selected. It is now time to make this selection, but it cannot be made from an incomplete set, and it takes nearly a month to get prints from Curtis, who is at Seattle. As soon as I know what prints you wish to retain for actual use I can wire Curtis for duplicates, as I am keeping a complete list of the negative numbers.

I am very glad you came to see me and look forward to the day when I shall be able to return your call.

With kind regards to Mr. Johnston,

Very truly yours,

C. Hart Merriam

March 12, 1900.

Mr. A. W. Drake,

Art Editor, Century Company,

New York City, N. Y.

L-60
N-96

My dear Sir:

There was some delay in securing reprints from Mr. Gilbert's negatives, so that the prints desired have only just come to hand. I am forwarding them to you by this mail. Please do not fail to return as soon as practicable such of the other prints as you are not going to use.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 12, 1900.

My dear Miss Tarbell:

Pardon my delay in acknowledging your kind letter of February 23rd. I was so shocked by the receipt of those gaudy colorotype pictures that I have hardly yet recovered my usual equilibrium. I fully agree with you that these pictures are "quite unlike any that have been achieved heretofore", but you surely did not mean to imply that you thought we ought to think of such things in connection with the illustration of the Harriman Expedition report. I have seen Mr. Page, and believe we shall be able to make an arrangement by which the book will be brought out in such form as to be a model for this kind of work, and I wish to thank you for your interest in the matter.

We were disappointed to find that you were not here this winter and hope that you will let us know as soon as you come in the spring.

Very truly yours,

C. Hart Merriam.

Miss Ida M. Tarbell,
The S. S. Maclure Co.,
141 East 25th Street,
New York City.

March 12, 1900.

Mr. E. O. Cockayne,
The Heliotype Company,
211 Tremont St., Boston, Mass.

Dear Sir:

I should have acknowledged earlier the receipt of your chickadee picture but for the fact that I expected that definite arrangements for publication would be completed long before this. Pending such definite arrangements, I am unwilling to take advantage of your offer to reproduce a sample bird plate. I think, however, the matter will be settled shortly. The chickadee picture is certainly very successful and very attractive.

Yours truly,

C. Hart Merriam.

Washington, D. C., March 12, 1900.

My dear Mr. Lanier:

Your letter of the 2nd inst. should not have gone so long unanswered but for the delay in the contract, which has been in the hands of Mr. Stanley-Brown for some time and which I suppose will be clinched in the near future. As soon as practicable after this matter is settled I shall be glad to have you come on here with such samples as you have been able to get together, and go over illustration matters with me in such detail as may be necessary. You will be glad to know that I have heard from Meisel, who executed the Agassiz lithographs I showed you, to the effect that he may be able to do our work, or at least a part of it.

Very truly yours,

C. Hart Merriam

Mr. Henry W. Lanier,
Art Editor,
Doubleday, Page & Co.
New York City.

poor imprint

Washington, D. C., March 12, 1900.

Mr. B. F. Meisel,
164 High Street,
Boston, Mass.

Dear Sir:

I am very glad to learn from your letter of the 2nd inst. that you will be able to do some lithographic work for us in the near future. I hope in a short time to send you some drawings for estimate. The work I have in mind embraces three kinds of reproduction -- lithography in colors, lithography in black-and-white, and photolithography. If I am correctly informed you are prepared to undertake all three kinds.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 12, 1900.

Mr. L. A. Fuertes,
Scarboro, New York.

Dear Fuertes:

This is only a line to remind you that your bird drawings have not yet put in an appearance. I will write you as soon as they are received.

Very truly yours,

C. Hart Merriam

March 12, 1900.

Mr. J. Stanley-Brown,

Union Pacific Offices,

120 Broadway, New York City.

Dear Stanley-Brown:

Lr 59
N-136

There are two matters respecting illustrations for the narrative volume which should receive early consideration. I refer to the paintings by Gifford and Dellenbaugh, and to the photographic illustrations. It is now almost the middle of March, and as you know, colored illustrations will take about three months for reproduction, so that unless taken in hand at once, I am likely to be on the Pacific coast at the time the proofs should be corrected and various details looked after, and you will be still farther away, as I understand you expect to return to Alaska in the early spring. This being the case, the utmost expedition is desirable. It is important, therefore, that such of these paintings as Mr. and Mrs. Harriman desire to use in the book be placed in our hands at the earliest moment.

Now as to photographs. So far as we now know there is no satisfactory way of reproducing these except by the gelatine processes, and in order to obtain anything approaching the best results it is necessary to furnish the negative to the concern

doing the work. It must be obvious to you, therefore, that as soon as the selection of photographs for the book is made the negatives will be badly wanted in two places-- Seattle and New York.

Very truly yours,

E. Hart Harriman

Washington, D. C., March 12, 1900.

Prof. William E. Ritter,

University of California.

Dear Ritter:

I was very glad to receive your letter of February 25th, telling me that you are hard at work on the Alaska material. I am glad you find it a big job, because big jobs are those that pay best.

I do not know any reason why you should not make your final report as full and complete as you see fit. This opens the question as to whether it would be desirable to publish the final report in full in the Proceedings of the Washington Academy, or whether you would prefer to send us certain preliminary matter, including descriptions of anatomical details and such other matters as you deem necessary to accompany the plates, and reserve the fuller elaboration and discussion of your material, particularly the theoretical points, for the final volume. This would expedite things, so far as we are concerned at this end of the line. I am looking ahead a little and am somewhat appalled at the prospect. It now looks as if I would receive a big lot of plates too late to have them put on stone and printed before I leave for the West. This of course would postpone publishing the Academy articles until fall. I shall be very glad, therefore, to receive your plates, particularly the colored ones, as

W. E. R.... 2.

soon as they are completely finished, so that I may put them in the hands of the reproducer at once. Your text could follow a month or two later without any special harm. As I understand it now, you will have at least two independent articles, possibly three. Please send along the first of these as soon as it is ready, without waiting for the others. I think we shall be able to handle your black-and-white plates by out-and-out lithography if necessary. In sending drawings please arrange them as you wish them on the plates, and mark for reduction.

With best wishes,

Very truly yours,

C. Hart Merriam

Washington, D. C., March 12, 1900.

Prof. Wesley R. Coe,
Sheffield Scientific School,
New Haven, Conn.

My dear Coe:

Many thanks for the last batch of colored drawings of your Nemerteans. This, with the few previously sent me, completes your series so far as the colored plates are concerned, if I understood you correctly. They are a very fine lot of plates, and we shall try to get the best possible reproductions. I must confess, however, that I am somewhat appalled by the number. As the cost of reproduction is not likely to fall below $100 per plate, it is obvious that the total cost is likely to send cold shivers up and down the back of the man who pays the bill. Owing to the large number of these drawings, it will of course be necessary to reduce the size of individual figures so as to get as many on a plate as can be done without over-crowding.

It now looks as if the contract with the publisher would be signed during the coming week, in which case the art editor will come here a few days later to go over in detail the various illustrations, of which the number is increasing daily, and at a rate that almost takes my breath away. For instance, Dr. Eisen, who has the earth-worms, writes me that he has not less than thirty

WRC . . . 2.

full page plates, and Ritter's quota is also growing. Then I am informed by some of the entomologists that several batches of their plates are likely to be put in my hands in the very near future. When they all arrive I think I shall take a trip to the Pacific coast.

You inquire about separates. The Washington Academy furnishes authors with thirty separates free of charge, and supplies larger numbers in lots of fifty or one hundred copies at very low rates.

The Publication Committee did not care a rap, one way or the other, about the Yale article, but Mr. Harriman regards it as a discourtesy that a plan of action agreed upon and distinctly understood on the ship should have been several times violated.

As soon as the art editor of the publishing firm charged with the publication of the expedition reports has gone over your colored figures with me, I shall return all the originals to you for grouping on plates.

What has become of Professor Verrill and his report? I have written him at least twice and get no reply. It is very important that his illustrations should reach us at the earliest possible moment and that the text should follow not later than the end of April. You understand, of course, that it takes from two to three months to actually get the printed edition of the various plates, and that unless the plates and text are in my hands early enough to have the work done, published, and distributed

WRC....3.

Washington, D. C., March 19, 1917.

before I leave for the west coast, they will have to go over until the next winter.

Very truly yours,

Dear Dr. Tilden:

Your letter of February 28th reached me a few days ago, and the photolithographed plate of which you speak followed a day or two later. This plate is double the size of my page in which the type-bed measures 4 1/4 x 6 3/8. I think your plate would be improved by reduction to this size, as the lines are very clear and the figures [illegible]. I have written Britton & Rey to that effect, but it is not clear to me how uniformity in arrangement, lettering, reference numbers, and paper can be obtained if the plates contributed by many different authors are sent around the country for reproduction.

However, I will bring the matter to the attention of the publishers in the near future. Whatever the plates are engraved, one proof will of course be submitted to the authors for correction. The prices quoted by Britton & Rey are not [illegible] which similar work is done here in the East.

I am very glad to learn that your report on the [illegible] of the Pacific Coast, for the Harriman Alaska Expedition [illegible] is likely to be entirely finished by April 10, and that it contains such a large number of new species. You are certainly to

WRC.....3.

Washington, D. C., March 12, 1900.

Dr. Gustav Eisen,

California Academy of Sciences.

Dear Dr. Eisen:

Your letter of February 28th reached me a few days ago, and the photolithographed plate of which you speak followed a day or two later. This plate is double the size of our page, in which the type-bed measures $4\frac{1}{4}$ by $7\frac{1}{8}$. I think your plate would be improved by reduction to this size, as the lines are very clear and the figures sent me seem unnecessarily large. I have written Britton & Rey to the effect that it is not clear to me how uniformity in workmanship, lettering, reference numbers, and paper can be obtained if the plates contributed by so many different authors are scattered about the country for reproduction. However, I will bring the matter to the attention of the publisher in the near future. Wherever the plates are engraved, the proofs will of course be submitted to the authors for correction. The prices quoted by Britton & Rey are not lower than those for which similar work is done here in the East.

I am very glad to know that your report on the Enchytraeidae of the Pacific Coast, for the Harriman Alaska Expedition report, is likely to be entirely finished by April 10, and that it contains such a large number of new species. You are certainly to

G. E.....2.

be congratulated on so fine a showing. I do not, I regret to say, see any way by which Mr. Harriman would be willing to aid you to include in your report the species from the Siberia side of Bering Sea. The cost of reproducing and publishing in good shape the work undertaken is so very much greater than originally foreseen that I feel sure Mr. Harriman would not care to increase the expense by including Siberia material, or by branching out in any way into fields in which he is not interested and which are not closely connected with the actual work of the expedition.

I am very much pained to learn what you tell me about your leaving the Academy in the near future and about the attitude of the Academy toward research work. I hope it will turn out that this is only a temporary necessity due to lack of funds, and not a permanent change in the policy of the Academy, which has done so much to promote the interests of science on the Pacific coast.

Very truly yours,

C. Hart

Washington, D. C., March 12, 1900.

Mr. Fred S. Dellenbaugh,

16 West 61st Street,

New York City.

Dear Mr. Dellenbaugh:

With respect to the illustrations for the Harriman Expedition report, I have always supposed that a number of the paintings made by Mr. Gifford and yourself would be used. I have rather expected that Mrs. Harriman would attend to this, but if she has not I will bring the matter to Mr. Harriman's attention through Stanley-Brown. In addition to these paintings, I am very anxious to secure a few colored reproductions of photographs. It seems to me that some very beautiful results may be obtained if we can secure properly colored originals. I will send you a few platinum prints as soon as I am able to secure them.

As to the testimonial, I can only say that the whole matter is one of great delicacy and that several members of the expedition regard it as of dubious propriety. I mean by this that several have expressed doubts as to whether or not such a thing would be agreeable to Mr. Harriman. Of course I have no means of knowing. In case it is deemed wise to carry out the project, I of course desire to contribute my full share or a little more, but I am entirely willing to be guided by the views of the majority. I do

not think any one can be found who is unwilling to contribute provided he were sure the thing would not be displeasing to Mr. Harriman.

With best wishes,

Very truly yours,

E. H. Harriman

poor imprint

Washington
March 12, 1904

Hey dear Mr Arnell:

The expressman has just brought me the comminuted fragments of my 55 slides.

When the package came unpacked at lunch and when I saw the small size of the package I said to my wife, "I'll bet 100 dollars to 1 there isn't a whole slide in the lot" — and it proved. Not one in the entire set escaped. The package was not marked 'glass' and had no bedding. Slides should always be wrapped & bedded in excelsior or something of the sort & cared in wooden boxes, marked 'glass'.

This knocks me out for the rest of the winter as the slides cannot be duplicated and colored under three months.

With kindest regards to Mrs. Arnell

Very truly Yrs
C. Hart Merriam

Mr. W^m H. Arnell
Rochester, N.Y.

Washington
March 13, 1904

Mr Curtis:

The last lot of slides came all right but each slide included only a part (usually ⅔–¾) of the picture, thus leaving out a great deal that makes the original photo so attractive.

Unless the contrary is specified in an order, a slide should include the whole picture, no matter what the shape or proportions of the picture are. 1/4 and 1/4 inch bare space should be left all the way around for border. The mat will cover all empty side space or top space, even if an inch wide, and if the slide includes anything not wanted it is mighty easy to cover with mat the part not wanted, at the end of the line.

That bill for big prints never came, & up to date neither Gilbert, Fisher or I know what your prices for the two sizes is.

Nor have we need any more of those ~~a~~ dozen (3 print) photos of the Columbia Glacier.

I enclose a list for ~~27~~ more slides, one of three I have had before. But I want good clear, entire slides of all, not too

Original Defective

dark, as I have all of them colored. But they must not be too faint. About 10 percent of those previously sent are poor — out of focus or dim or too black, or with vanishing important left out.

I shall be pretty obliged if you will look over these last before shipping to be sure each is perfect. Also please see that the water line is level or horizontal, not sloping down on one side as in so many photographs. This fault simply ruins any slide or photo.

A number of the Harriman negative prints need. yesterday by Gillett are spoiled by the sloping ocean water — notably nos. 116, 115, 89, 122, 31, 109, 24, 47½.

I owe you $3.20 for slides, which I will hold until the next lot so as to clear up by one check. And I do hope I can have bill for the big prints by that time.

Very truly Yrs
E. Hart Harriman.

March 13, 1900.

Dear Dubois:

Thanks for your letters of the 9th inst. Glad you like the same kind of synonymy I do. Be sure + get the data in at the end of each reference.

Re the Saunders suggestion: I see no objection at all to publishing 2 articles instead of 1 in the Academy Proceedings. Only I hope he can send one of them in soon + not insist till June, when I am likely to be in California.

If both reports are to be large, what would you think of printing the new species-matter plates in the Acad. Proc. as early as possible and let the full report or reports go over to the Hawaiian volumes?

Drawings nicely line-inked, like those published by Saunders in the Calif. Acad., are well adapted to photo-litho. The destruction for such kind of work is skill in line work — the ability to make good continuous, even lines. The style of original drawing is of little account as long as the artist knows the secret of reduction. Your Hawaiian —

L VS
N=295

28

Washington, D. C.,

March 12, 1900.

Britton & Rey,

525 Commercial Street,

San Francisco, Cal.

Dear Sirs:

Your letter of the 1st inst is at hand, together with the sample plate of Dr. Eisen's anatomical drawings of worms. This plate is just double the size of those used in our Proceedings, in which the type-bed measures $4\frac{1}{4}$ by $7\frac{1}{8}$.

The matter of reproduction of plates for this report is a very serious one, as it includes a great diversity of subjects prepared by a large number of authors. It is necessary, of course that the work should be as uniform as possible, as to paper, lettering, reference numbers, and quality of work. I do not see how this uniformity can be obtained if the work is scattered among different firms in different parts of the country. However, final arrangements for publication have not yet been completed. When they are I shall be glad to call the matter to the attention of the publisher.

Respectfully,

C. Hart Merriam

March 14, 1900.

H. Van Altena
786 Jefferson Ave.
Brooklyn, N. Y.

Dear Sir:

I am obliged for your letter of February 10, quoting prices on bromide enlargements. I am sending you by express today a lot of negatives, from 8 of which I should like enlargements (11x14.). Please send one enlargement each (mounted on good heavy cardboard) except of glass negatives 181 and 225, of which please send 3 each, 2 mounted and one unmounted.

I also send a considerable number of negatives from which slides are wanted, as per enclosed list. Please make one slide each, except where two are indicated. All of these slides are to be colored, so they should not be made very dark, as you know; and should not be completely bound, simply tacked together to hold covers in place until they reach the colorist.

I am anxious to obtain three or four prints (not slides) of glass negative 117, to be colored in water colors. Platinum paper is the only kind of paper which I know to take color kindly, but you may know of some other brand equally good. If you will send me three or four prints from this negative, which you are sure will take water colors, I shall be obliged. I shall be still further obliged if you will kindly hurry up this work and let me have the negatives back at

H. V. A. 2.

your earliest possible convenience, as a number of them are borrowed and I am anxious to return them as soon as possible. Some of the negatives from which slides are desired are among those of which enlargements also are wanted, as you will see from the numbers.

Very truly yours,

C. Hart Merriam
Chief, Biological Survey.

If you do retouching I wish you would retouch the negatives you enlarge from.

(Enclosure.)

Please combine 180+181 on one slide as per enclosed slip.

Original Defective

SLIDES WANTED BY C. HART MERRIAM OF THE FOLLOWING NEGATIVES.

(One each, except where two are indicated).

10
34
46
54 (2)
55 (2)
71
72 (2)
82
83
117
121 (2)
131
140
155
166
167
169
176
180
181
183
210
212
221
225
231
235
239
246
250
251 (2)
258
263
269
270
272
276
282
285 (2)
287
289
294
305
317
325
339
425
427

FOR ENLARGING TO 11x14.

10
121——3 prints (2 mounted)
124
225——3 prints (2 mounted)
231
290
312 }--films 5x7
313

98

1116 Sixteenth Street
Washington, D.C.

March 19, 1900.

Mr. L. A. Fuertes
Scarboro, N. Y.

Dear Fuertes:

Your letter of the 15th inst. came several days ago, but your paintings have not yet been heard from. I hope Dellenbaugh will forward them without delay as we are getting into a bad hole, owing to our inability to actually secure any of these bird pictures for reproduction. When they come, I am afraid the head of the eider will not have been finished, so that it will be necessary to return the drawing to you before it can go to the reproducer.

I shall be greatly obliged if you will make for us at your earliest possible convenience, paintings of the Hall Island snowflake, Kadiak Pinicola, and one of the jaegers. The more you have in the way of appropriate surroundings, the more your pictures will be appreciated.

We shall be glad, of course, to send you skins you need for painting during the progress of your work. I am giving you this list as a starter in the hopes we may soon have something to put in the hands of the lith photographer.

With kind regards to Mr. Thayer and family

Very truly yours,

E. Hart Merriam

March 20, 1900.

Prof. Wesley R. Coe
Sheffield Scientific School
New Haven, Conn.

Dear Coe:

I am returning your drawings today by registered mail and shall be obliged if you will at once make them up into plates. I have laid them out roughly myself, and think they can be arranged on four plates, the largest plate to be reduced two-thirds (to print one-third present size of drawings), the other plates to be reduced half. The sheet on which the drawings are arranged for greatest reduction could measure 22x12$\frac{1}{2}$ (or even 12$\frac{3}{4}$) inches, while the others should measure 14$\frac{1}{2}$ x 8$\frac{1}{4}$. In grouping the figures, I suppose you will arrange the separate heads close by the head of the full length animal to which they belong.

It would be a good idea in combining for plates to pay some attention to colors, placing as near as may be similar colors on the same plate. This will admit of printing with fewer stones and consequently will reduce cost. I think you spoke of having had experience with heliotype reproduction of similar colored plates, which were satisfactory to you. If so, I wish you would refer me to one so that I may compare it with lithograph plates of similar subjects.

In the case of the pencil drawings: Unless these are inked for photolith, they will have to be lithographed at a great in-

crease in cost. Can they not be inked for reduction (to say one-third present size) by photolith? Please number your plates in the sequence in which you want them to go, and letter the figures distinctly in pencil and return to me at your earliest convenience so that I may get them under way as soon as possible.

Very truly yours,

C. Hart Merriam.

Washington
March 23, 1901

My dear Mr Lanier:

I sent Peter water + oil St. Clair back to Gifford + asked him to forward letter to you, as I didn't feel like deciding between times. It seemed to me that if we get a good photo of St. Clair the ideal water color will do, but if we fail of a photo we shall want the oil for the detail of the rays. Does this suit you?

Yours truly
C. Hart Merriam

Mr. Henry W. Lanier

oe

March 24, 1900.

Dear Coe:

Suppose we compromise on six colored plates and you arrange the subjects accordingly. This, it seems to me, will admit of the most satisfactory treatment, and allow the smaller drawings to be reproduced large enough to be most effective. The paper you were kind enough to send me for the sample plate I returned yesterday.

L-87
N 158

Very truly yours,

C. Hart Merriam

Dr. Wesley R. Coe
Sheffield Biological Laboratory
New Haven, Connecticut.

P.S. The cost of halftype & lithograph color reproductions is true same - cam

March 24, 1900.

Mr. L. A. Fuertes

Scarboro, N. Y.

My dear Fuertes:

Your drawings reached me safely and were taken in hand at once. Seven of them were put in the hands of the reproducer the day after their receipt. The others I am returning to you herewith, with the following suggestions:

(1) That you make a combination drawing of the golden-crowned sparrows, putting one of them in the foreground identical with or similar to the one you gave to Mrs. Harriman, and putting in the background the one in profile which is returned herewith. What we want is one showing the full maximum amount of yellow in the crown, which can be seen only in a front view of the head.

(2) That you make a full page plate of the chestnut-backed chickadee from Wrangel by adding another in some other position, and putting in enough background, if practicable, to make a pleasing plate.

(3) That you similarly make a plate of the rufous hummingbird from Baranof Island. If I remember correctly, you have another very pretty view of this bird which you made on the ship. It seems to me you might combine these two, one below the other as in the case of the chickadee, making an attractive full page plate.

(4) That you make a plate of Sabine's rosy gull, using the head drawing returned to you herewith.

L. A. F. 2.

(5) That you complete the plate of the Hall Island snowflake on which you are now engaged at the earliest practicable moment.

Besides these, we should like to have several other good plates--one of the Alaska Lapland longspur would come in particularly well, and if I remember rightly, you gave Mrs. Harriman a painting which possibly might be used with very little additional work. Plates of the two puffins shown at full length would also be desirable, or would you prefer to use only the heads in order to have them reproduced nearly life size, as indicated on the enclosed outline? In this case, it would be well to add your little pencil sketch of the bird on the wing.

With respect to the jaeger which I believe you are painting for us, I noticed you had two or three pencil sketches of birds on the wing. One or two of these might be worked in in the background to great advantage.

Would you think it desirable, instead of the puffin plate mentioned, to have a plate of the tufted puffin on the wing?

I hope you will let us have these drawings one at a time, as soon as they are finished, as it seems almost impossible to get them in time for the best color reproduction. Knight is here beginning work on the Kadiak bear, and will doubtless give us a splendid picture. I have decided to retain, in addition to the seven drawings (making eight in all), the sheet containing the heads of the skunk-head scoter. All the other drawings are returned to you by registered mail herewith.

Very truly yours,

C. Hart Merriam

Washington
March 29, 1918

Mylady dearest:

Last night when I got home I found your (no. VII) short note, reaching me with the parcel. The same mail brought me letters from Mother and Jessie, answering my letter about Christmas. Of course I sent the letters to Jessie as my absolute property. Very best love, as ever,

E. Hale Ivins.

poor imprint

March 25, 1900.

Dear Mr. Page:

At last I am sending you the typewritten copy of Burroughs' Narrative of the Harriman Expd. The copyist made numerous little errors which have never been checked up by the original MS. I have corrected the more obvious of these, but many remain which can only be corrected by the author himself.

I have corrected a few errors of various kinds and indicated transpositions due to faulty sequence — chiefly relating to Bunker of Roses and the Muir Glacier Mts. I have also made a few suggestions as to the addition of a little matter here & there to make the story more complete as to furnish text for illustrations we wish to use.

Please give this copy, with my annotations, to Mr. Burroughs and ask him to read it over carefully and make such alterations as he sees fit.

Very truly yours
E. H. Harriman

Mr. Walter H. Page
Doubleday, Page & Co.

Personal

March 29, 1900.

Dear Mr. Page:

Burroughs' MS. for the Narrative. This seems no use without a copy, which is unfortunate for several reasons. I need it every day with reference to the illustrations. L-94

At the same time, and at Mr. Burroughs' suggestion, I am sending it to you without waiting to have it copied. Will you kindly have it copied at once and send me a copy as soon as possible? This copy, with my notes [the one I am sending you] should go to Burroughs, and you are the best person to attend to this. If you possibly can spare the time I wish you would read the article, with editorial eye & pen.

In having the copy made (and you will do of course before you send back to Burroughs) please make your typewriter to indicate in some way my corrections & suggestions — I don't refer to corrections in spelling & obvious errors, of course. I confess to some anxiety in letting this go, with all it means, without a duplicate.

Very truly yours
E. H. Harriman

Walter H. Page Esq.
Doubleday, Page & Co.

poor imprint

March 26, 1906.

Dear Mrs. Dralle:

Thanks for yours of the 24th enclosing list of Gillett's photographs, nos. 345 & 360. L-61 N-115

The prints from Gillett's & my negatives are of comparatively little consequence as we can replace them here, but I am very much embarrassed by the absence of the Curtis prints. Those of the baskets I have duplicates of, but the large one of Umalecha and the Eskimo set I have no duplicates of, and they are badly needed to complete our selection for the book. I understand Mr Johnson had ordered all he wanted from Curtis & I let you have mine to bridge over the gap until his should arrive. There are no copies of them in Washington & I am forced to send away for reproductions which we may not want when we see the ones you have. We expect to get the book (1st vol) out in October, and have already sent off a lot of photos for reproduction.

poor imprint

As to the Swetts drawing: I have nothing to say about these except to make selections for the book. I have been asking of Swetts for weeks to get them + finally they came, just a week ago. I selected + sent off for color reproduction 7 or 8 and returned the rest to Swetts. Some of these returned are to be redrawn in color + final ofs for plates + sent back to me at earliest possible moment.

As to the glaciers in College Fiord: Two of them (Bartlett and another) are on the opposite side of the fiord from the series + consequently cannot show in the same picture. Harvard + Yale head the two forks at the head of the fiord as indicated on the enclosed rough sketch, which gives the sequence + rough locations of the series. I am sending you 8 photographs, all from my own negatives, showing the series of receding glaciers in College Fiord, also Harvard + Yale at the head. Nos. 1, 2, 3 + 4 run from right to left + overlap, except 4. There is a gap of about an inch (or perhaps only 3/4 in) between this + 3. Valley occupies this gap, but does not quite reach the water (as shown in negatives 115 + 119). All the others reach the water. Find overlaps 4 by ½ inch, but I [illegible] from a slightly different point of view.

[illegible] Yale [illegible] Harvard [illegible]

Washington
March 26, 1906

Dear Curtis:

And still they come! The Publication Committee needs prints (which will do) of your nos:

L-79
N-137

369a
370
371
372
373
386
387

Shall send as early as possible.

Yours
C. Hart Merriam

E.S. Curtis
Seattle, Wash.

March 26, 1906.

Dear Turner:

We now have Burroughs', Dall's, Sandbo's, + Markham's articles + Burroughs' book in hand, after publishing. L-57 N-144

Shall be obliged if you will indicate the illustrations you particularly desire to go into your text.

Sandbo, Dall + Co. are our publishers and I like the way they take hold.

Think I mentioned that 24 slides came back all right — none broken.

Our regards to you all.

Yours
Merriam

Lieut. B.E. Turner
Ithaca, N.Y.

Washington
March 26, 1900

Dear Mr. Muir:

The contract for publishing the Harriman Volumes has been awarded to Doubleday, Page & Co. They are young and energetic and I am sure will do better by us than some of the older firms. Mr. Page personally is my old-family editor of the Atlantic. They have begun on Burroughs' narrative and want to get the whole book in type as soon as possible. Your article should come next to Burroughs but it has not yet arrived and I have a longing for that you have not written it. I earnestly hope you will send it at once for we all want it badly and it won't do us much good after the book is printed. Besides, we have already selected two illustrations for the other articles and have put some of them in the hands of the reproducers. It is most important therefore that we have your list of illustrations at the earliest possible moment.

With kindest regards to Mrs. Muir and your daughters, Believe me

Yours truly
E. H. Harriman

John Muir

N-114

March 28, 1900.

Britton and Rey
525 Commercial Street
San Francisco, Calif.

L-82
N-

Dear Sirs:

Your letter of the 23d inst. is at hand and will be referred immediately, along with the samples of your work sent, to Doubleday, Page and Co. to which firm has been awarded the contract for publishing the Harriman volumes.

Respectfully,

E. H. Harriman

L-95
N-180

poor imprint

April 11, 1900.

Prof. Trevor Kincaid
University of Washington,
Seattle, Washington.

Dear Professor Kincaid:

My recent illness has delayed me in acknowledging your letters and the package of crustaceans which arrived safely and was immediately turned over to Miss Rathbun, who will label them and return to you at an early date. L-54 N-

I appreciate your difficulties in the way of inroads on your time. One who has to teach as many things as you do, has little time for original work during the school year. I am very glad, however, that you will be able to come to Washington early in June. I am sure your trip east will well repay you for the expense and inconvenience.

Very truly yours,

C. Hart Merriam.

L-48
N-135

Washington
April 11, 1906.

Dear Keeler:

Your two manuscripts – 'Days among Alaska Birds' and 'Impressions along the Way' – reached me several days ago when I was in bed with 'grippe'.

I have read both papers carefully and have compared them with corresponding parts of Burroughs narrative. Unfortunately all three papers are in part the same giving impressions and descriptions of the same places as seen at the same time by two men whose mental standpoints are much alike

I don't believe you would feel that impulse to degrade subject substantives to adjectives.

You also speak of a bird "of about the size of a robin". Why not a bird about the size of a robin?

But these are little details.

Parts of your article are admirable and were it not for the unavoidable similarity of the 'Impressions along the Way' to Burroughs account, we should be only too glad to secure both for the Circle. Remember, I'm sure you can use the 'Impressions' to advantage and profit as a magazine article. You might add to it your splendid description of Minor Glacier & surroundings as seen from the mountain top, from the bird paper, and illustrate the article with photographs. The only

(5

magazine articles on this trip (as far as I have heard) are true by Burroughs to come out in the Century. So you might try the Overland Monthly, Cosmopolitan, or any other you like.

The first page of your 'Impressions' is a little stiff — as first pages are apt to be — but the paper as a whole is so entertaining and unusually well-written. It would be a great joy to me, and a great saving of labor, if half the papers that come to my editorial sanctum were half as well written as yours.

I return the 'Impressions' by registered mail as it came, & do so with great regret, as I wish I could put it in the book.

Mrs. Merriam and I are pained to learn of Mrs. Keeler's illness and trust she will entirely recover. With kindest regards to you both

Yours truly
C. Hart Merriam

Yours truly
C. Hart Merriam

I have taken the Detroit Electric
car (which I think you said you had)
to the corner of Woodward
& Jefferson Aves. (the Hotel
Normandie is on the corner)
& then walked up Woodward
to the Campus Martius
(the Square where the Soldiers'
Monument is) & then
walked up Monroe (to California + Gladstone), &
right on Gladstone to the Museum
(the Museum is on the right
side of Gladstone, about
half way between Woodward
& Cass Aves.)

I am sorry you are
not coming to Detroit
while the Museum is
in its present quarters
(in the Public Library
building), as I should
like very much to
have you see the
Museum. I am
sure you would
enjoy it.

Sincerely yours
C. Hart Merriam

Washington
Oct 2 1900

Dear Sister:

Yours of the 10th at hand, together with the two cabinet photos of Mr Jones. I have just returned from a trip to Baltimore & Philadelphia, and found your letter awaiting me. I am very glad to get the photos & to know that you are all well. Mr Jones is looking fine — positively fat. I am glad you got your dress. Please send a print of each of the photos.

Mr Jones is making up for lost time. He has gone to Chicago, Ill. & St. Louis, Mo. & will be away about 10 days. I am very busy now & have no time to write letters. Please excuse this short note.

Love to all

Affectionately
Wm

Mrs Wm Jones
1621 Q St
Washington
D.C.

L-21
L-91

Washington
April 13, 1960

Dear Mr. Allenbaugh:

A few days ago I sent you a couple of platinotype prints of my best college Kodak photos for coloring and I am now sending you ten of ten Curtis photos, also platinotype. L-76 24 132

I asked Curtis particularly to make light prints for coloring, but the way some of them got dark in spite of anything he could do & the print from his lighter would sacrifice a lot of the picture. He says that by using a surface color on the shadows they will work out all right — I hope so. You will know best.

My idea was to color the ice & water & sky, but not lightly — like the antarctic picture on p. 417 of the January Century, only not so gray.

I shall be very glad to learn what success you have with them.

Very truly yours
E. Scott Harrison

Rud. S. Allenbaugh
16 Mitchell St. Newburgh

April 12, 1904.

L-89
N-112

Mr. H.W. Lanier
Lambert Day Co.

Dear Mr. Lanier:

The samples reproductions of photographs came day before yesterday and the corner yesterday. To begin with the letter, I don't like the diamond stamp at all. I don't like the diamond shape, and the letters is spoiled by a lot of pitchforks times projecting from his face. The whole thing is too small for the size of the corner.

I enclose a rough sketch I have just made from a slide of the same photograph which gives my ideas to size and general make up for the corner stamp. I'd put it just above the middle, and print across the middle just below it: Harriman Alaska Expedition.

The single proof sheet of title page & Letter from Merriam, with a few corrections. In sending

revise, please send several copies. The
page is to be expanded, but fortunately there
is vertical room for more spacing.
The descriptive part of the title (just above Vol. I)
is perhaps too concise. The word Events can
be omitted (as included under accounts), and Climate
also if you think best, but I think Glacier
should be added.
The disparity in size of type between Kennedy
and the other authors is too great. And would
the names not look better arranged thus:

John Kennedy.

By the way, the cover model is too small
by ¼ inch each way.
Have you decided on a printer yet? If so,
which? And have you any better samples
of paper? I shall be glad to see them.
The more I think of it the more afraid
I am to reprint the technical matter published
by the Wash. Acad. &c. It should be printed from
electrotype plates. Yours sincerely
C. Hart Merriam

L-110
M-116

P.S. Another reason
why it is
desirable to
have the
descriptive
matter
printed
from
electrotype
plates is
that
it will
be much
more
valuable
if it
can be
published
in a
little
volume
by itself
as well
as in
the
volume
of the
Wash.
Acad.
&c.

Mr. Henry Hall
Oct. 18, 1926.

Washington Street:

I notified the owners of the property on the west side of Washington Street, between Main and Church Streets, that they would be required to remove the old wooden awnings, which are in front of their premises, and which are in a dangerous condition.

Mr. Hall called at the office and stated that he would remove the awnings at once.

Respectfully,

Superintendent of Streets.

Mrs. A. M. Hall
Hall Hall Street
Centre Ossipee, N.H.

X-96
X-126

April 23, 1900.

L-112
H-129

Dear Mr. Lanier:

Yours of 20th inst. recd. today.

Yes, I should accept all the photogravures except the one with the dog for our page.

Although I do not make use of the colored photos — or rather do not make coloring the platinotype prints.

It pains me to learn that so young a concern is addicted to so horrible a thing as that diamond stamp. To my uncultivated eye it is a blemish and would hurt the sale of the book. It looks like something to lay on the table when it may be seen, & such a circumstance would frighten [nearly] everyone against it, & full sure.

April 23, 1904.

A. H. Hershey, Esq.
Newton Bros.

My dear Sir:

Some of the paper I shall send you shortly for the Rec. Wash. Acad. Sci. are to be reprinted in the Harriman Alaska Expd. report and I should prefer to print from electrotype plates (punched to correct actual number of plate references).

I want to know two things:
1. Cost for type or signature for electrotyping
2. Whether you will find no new type as the matter can be set in as compact a style as the Harriman Expd. report will be. The backing of more type used in the preceding, has always been distressing.

Yr. C. Hart Merriam

R-147

However, matters of taste hardly ever admit of argument, so I will suggest leaving the matter to Mrs. Harriman, who has just returned from Calif.

A cover-design from Gifford's painting of Sawtelle would be had.

What is the price of the photogravure made? That is the first question I shall be asked.

Yours truly,
C. Hart Merriam

April 26, 1900.

Mr. E. H. Harriman
120 Broadway
New York City.

Dear Mr. Harriman:

In working on my Alaska mammal report, I find we are very short of information and material from many parts of the Territory, and am anxious to secure additional data before the report goes to press. With this end in view, I have planned a coast and island trip for my assistant, W. H. Osgood, whom we met on White Pass last year, and who made the trip down the Yukon. I write to ask if you would be willing to furnish Mr. Osgood transportation over the railway and coast steamship lines in which you are interested. If so, I can arrange to meet all of his other expenses and will start him off at an early day.

Trusting that in making this request I am not taking too great a liberty, I remain

Very truly yours,

C. Hart Merriam

April 26, 1900.

Gatchel & Manning
33 South Sixth St.
Philadelphia, Pa.

7-240

Dear Sirs:

Thanks for the electro and proofs just received.

With respect to that former bill of $11.00, your memory is a little at fault. I wanted the work done by a particular date in order to show the results of the reproduction of certain line drawings for a particular purpose, and so wrote you. You were not able to furnish them within the time specified but sent the electros and proofs a few days later. The work was unsatisfactory as I wrote you. You replied offering to make over the unsatisfactory electros, but I did not return the old ones, and have never made any use of them.

Your price also was uncommonly high considering that the drawings were mounted together with directions to block separately. Under the circumstances I think the proper thing is to make a reasonable deduction on this bill and to add to it the $2.90 for the job you did a few days ago. Please make out the bill as per enclosed heading and send to me.

Respectfully,

C. Hart Merriam

(Enclosure.)

Chief Biological Survey.

April 27, 1900

L-107
N-125

Dear Sweetser:

By this mail I am sending you signed + proof of your William Harrigan picture. I think the reproduction is very fine.

But please notice that you forgot to finish the hat, which is so fainted, + also forgot to put your name on the drawing.

We have sent you the Indian Pipe + Hellfinch + the Lobster Quill you asked for, + trust they arrived safely.

I trust your father is fully recovered and that you will send the remaining pictures as soon as possible

poor imprint

April 28, 1900.

Dr. Gustav Eisen

Academy of Sciences

San Francisco.

My dear Doctor Eisen:

2-74
N-157

When I acknowledged the receipt of your manuscript some time ago, I promised to write you respecting the illustrations in a few days, but the matter has proved a somewhat difficult one and I hope you will pardon my delay. In the first place allow me to say that folding plates are an abomination and should never be tolerated in any publication except in cases of absolute necessity as, for instance, in very large skeletons, fishes, and some other single specimens which cannot be properly shown on a single page. To make a folding plate of separate small figures is an abomination we cannot consider for a moment in our publications. Folding plates, as you are of course aware, inevitably become cracked and often broken completely through if they are much used, and even after a few openings most of them are badly marred along the line of the fold so as to deface the picture.

In the case of the sample photolithograph of one of your plates, sent me by Britton and Ray at your request, the separate drawings are so large and the details so clear and distinct that I felt confident that they would bear reduction to one half their present size without losing any detail. I have now had this reduction made and enclose you a sample print to show you that nothing is lost in the reduction. In fact, the coarser lines of the lithograph are greatly improved by the reduction and I think you will agree with me that the picture as a whole is very much more attractive. But it is by no means necessary to reduce as much as in this case. I had the reduction made to exactly half the size of the lithograph in order to see how it would come out. But this reproduction measures only 6x4, while our page will admit of $4\frac{1}{4}$ or even $4\frac{1}{2}x7\frac{1}{4}$ or $7\frac{1}{2}$. If all of your plates were reduced so that the typeset would come within $4\frac{1}{2}x7\frac{1}{2}$, we could handle them nicely, and I believe that this could be done without any sacrifice of detail.

G. E. 2.

At the same time I am much averse to doing anything in the matter which does not meet with your approval, as I am very anxious that you shall be well satisfied with the results. In case you are not willing to have the plates reduced to the size mentioned, I will make another suggestion, namely, that you take out from the plates all outline figures, such as those marked 1, 2, 3, 4, 5, and 6 on your sample lithograph, which I return herewith, with a view to their insertion in the text as text figures, and that you rearrange the remaining figures for the plates, to be reduced one-third more than the figures on this lithograph, so that when printed on single plates they will be two-thirds the size of those on this lithograph.

The matter is a very embarrassing one to me inasmuch as I am responsible for the size and character of the plates on the one hand, and on the other I am very anxious to have the plates as published meet your entire approval. It is just possible that our publishers may be willing to have these plates executed by Britton

poor imprint

G. E. 3.

and Ray provided they can furnish a rag stock paper such as we use for the other plates. How many of your plates are colored? I notice that a number of those in your paper recently published by the California Academy are tinted and are very attractive. Awaiting your pleasure in the matter, I remain with best wishes,

Very truly yours,

C. Hart Merriam.

Please send me your plates by express as early as possible. We cannot go ahead until we have them.

(Enclosure.)

152

April 30, 1900.

Dear Fuertes:

I trust that you will give the feet of this ptermigan on your original drawing the necessary finishing touches and return the original and proof to me at your earliest possible convenience, if you have not already done so. In the next proof, we will have the underparts a little whiter, which will make the bird stand out better. I hope you will let me have the other drawings as soon as possible.

L-121
7-134

Very truly yours,

C. Hart Merriam

Mr. L. A. Fuertes
Scarboro, N. Y.

poor imprint

April 30,1900.

Mr. A. W. Drake

Art Editor, Century Company

Union Square, New York.

My dear Mr. Drake:

L-115
M-

In reply to your letter of the 20th inst. would say that we have thus far received only one first proof from the lithographers who are engaged on Fuertes birds. This one is the ptarmigan and is a very effective picture. This will have to go back to the lithographers for a few miner corrections which should not take more than a few days. Proofs of others should follow shortly.

Personally I have no objections whatever to the use of these drawings in the Century magazine, but as I have no authority in the matter, I would suggest that you communicate with Mr.Stanley-Brown who is acting as Mr.Harriman's representative in these matters.

Very truly yours,

E. H. Harriman

May 5, 1900.

Mr. A. B. Hoen
Hoen Lithograph Co.
Baltimore, Md.

Dear Sir:

I am sending you herewith the proof and original of the ptarmigan you recently put on stone. Please lighten the breast only a very little and fix up the feet to correspond with the original, which Fuertes has touched up since the drawing went back to him. In putting on Fuertes'name, make it a good deal smaller than on the original.

Respectfully,

C. Hart Merriam

K-140

May 5, 1900.

Mr. Charles R. Knight
American Museum of Natural History
New York City.

L-57
71-133

Dear Knight:

I hope you are not seriously ill, but I am unable to think of any other cause which would delay you so long in sending the drawings. We should have had them long ago, and I trust you will send them to me immediately on receipt of this, as the delay is very awkward and is putting us to much inconvenience. When shall you come here next?

Very truly yours,

C. Hart Merriam

Please change the Knight picture to Mr Merriam if you have not already done so, & send to me by express. Monday, drop into the Smith bird pictures. If you have not done the letter send anyway — we can't wait any longer.

May 9, 1900.

Mr. W. H. Lanier
34 Union Square
New York City.

Dear Sir:

By this mail I am sending you two packages, one containing three wash drawings or combinations of wash and line work, the other containing the photographs from which the drawing of Shoshone Falls is to be made. In the case of the wash drawings, I want to know if it is practicable to use them. If not, please return them at once. You said a while ago, if I understood you correctly, that photogravure illustrations might be printed in the text. I do not see exactly how this is to be done, but if it is practicable, it occurs to me that these particular drawings would come out most effectively in that way. A number of smaller photographs also might be used to advantage in the same was if the method is practicable.

In the case of the Shoshone Falls photographs, I am sending a large batch in order that the artist may obtain a realizing sense of the character and grandeur of the fall, and also of the nature of the canyon. I hope he can make two pictures, one of the fall itself, the other of the Black Canyon in which the river flows.

With these pictures are one or two others which were to be used in the early part of the narrative. One of these is the salmon wheel on the Columbia, the other a sunset, It seems to me of

W. H. L. 2.

the utmost importance to have these drawings made at the earliest possible moment as they are to be set in the text. There is not nearly so much hurry about the photogravures which go in as inserts at the time of binding. If Lowell is going to make the rest of these drawings, he should be pushed to the utmost limit of his capacity. It might be well for you to come on here again for a single day as soon as the photographs selected by us for photogravure have been approved by Mrs. Harriman. I suppose they will reach me today or tomorrow, but you can learn the date from Stanley-Brown. Having the approved photographs before us, we can take the advantage to complete the selection for drawing. I have now all of the Keeler drawings, and they are ready to be reproduced at once.

I have not yet received any of the Burroughs manuscript for final revision. Please send it at your earliest convenience. I expect to leave Washington next Wednesday to be gone a week or ten days, and am anxious to get as much work out of the way as practicable before I leave.

I am sending you among the photographs three film negatives of Bogoslof which I took in 1891. Two of these are duplicates and either of them may be used in connection with the other to make a panorama showing Old and New Bogoslof as they were at that time. I thought Gilbo or Andrews might combine them to make a single photogravure plate $7\frac{1}{2}$" in length. Please turn the negatives over to one of them and see what they can give us.

The title page muddle is unfortunate, and I have never been able to understand why you did not send me the proofs asked for.

Very truly yours,

E. Hart Harriman

K-109
M-138

Washington
May 12, 1904

L-109

Dear Mr Dillenbeck:

It is most painful to me to be obliged to decline Mrs. Merriman's kind invitation for the "surprise dinner" on the 23d inst. Unfortunately that is the date set for my father's funeral at this old home in Northern New York. The continuance of severe weather of late (with fresh snow day before yesterday & heavy frost) caused my brother to delay further the day till the 23d.

With sincere regret

Very truly Yours
E. Hart Merriman

Mrs. S. Dillenbeck
11 East 44th St. New York

Washington
May 13, 1900.

Dear Knight

Have you decided not to let Mr. Harriman have that bear picture for the books? If so, kindly let me know. Otherwise please send it to me at once. You are getting to be as bad as Smith. Where are you coming here?

Sincerely
C. Hart Merriam

Chas. R. Knight
American Mus. Nat. Hist.

L-128
M-165

May 13, 1900.

Dear Smith:

What has happened? Have you changed your mind about letting Mr. Harriman have those bird pictures for the books? Or is it that you are so busy that neither time nor eternity make any impression?

If they are to get in the books we must have them; if not, kindly let me know, & oblige

L-125
M-145

Sincerely
C. Hart Merriam

L. O. Smith,
Leonard, N.Y.

L-104
N-216

Original Defective

Original Defective

May 14, 1900.

Mr. E. S. Curtis

Seattle, Washington.

L-98
M-141

Dear Curtis:

Our publishers are exceedingly anxious to get the photogravures under way at the earliest possible moment and have been punching me up about it for some time past. At one time they insisted that they must have the negatives, but now they are willing to take instead first class positives. I shall be greatly obliged therefore if you will at your earliest convenience make positives of the following negatives and send the same by express to Mr. E. H. Harriman, 120 Broadway, New York.

179	296
195	300
200	306
207	307
218	324
218a	325
220	332
232a	352
236	367
245	371
253	376
278	390
278	424
286	447E
291	44
292	98

Of course you will examine each positive yourself and see that it is as good as can possibly be made from the negative. Please see also that the waterlines are horizontal.

May 14, 1901

Dear Mr. Herriman:

How do a man going to be responsible for the editing of a MS. he has not seen since the author had a last whack at it? How do I know whether or not it is really ready for the printer? It may be, and I devoutly hope it is, but I should hate dreadfully to assume the risk. By all odds let me see it first.

I am sending you by express two packages: one containing 32 pen and ink drawings prepared for the photographer; the other containing my original negatives from which photogravures are to be made. These and those I sent you a few days ago might be taken in hand at once.

I have written Curtis, for 33 positive prints from the negatives, to be made at once & sent me, for the photogravures here. These are by no means all, but they make a fine beginning and others will follow as soon as I hear from Curtis & Mr. Herriman.

When you get the proofs from Manning, & the photogravures from Curtis, then caution him to keep them clean.

L-131
L-157

Original Defective

Shall you be able to transfer Shoshone Falls drawing work in hand? I am trying Mr Keeler on others, & am waiting for remaining proofs & new negs.

My visit to northern New York has been postponed till next week as I shall be sure all that needs. Can you not get proofs of the bird mills from the Helistype Co?

My negatives should be enlarged up somewhat to the size of the page. The landscape plates, & some of the others might be cut respectively by cutting off the ends, & bottom & enlarging the main subject to size of page. Will try & send you some of these specimens. The size of the Landscape plates is 7 inches by 5 inches. I have sent 2 negatives each, so the photographic man can select the one the copy handles to best advantage. I should like to have the work done promptly as my negatives can be returned.

Very truly yours
Stuart Treviranus.

Original Defective

Washington
May 15, 1900.

A. L. Heer Esq.
Baltimore, Md.
Dear Sir:

How about the remainder proof of the Ptarmigan? Curtis says the least shelly need to be only the least shade lighter.

I am sending you by trial mail the poor result of my attempts to have the glacier picture colored, and despair of getting anything satisfactory. In no. 1 the water and ice are much too blue.

Have been disappointed in getting the Bear picture but expect it every day now.

Yours truly
C. Hart Merriam

L-137
N-248

Washington
May 15, 1900

Dear Curtis:

Amongst us I guess we kept you fairly busy! The Publication Committee wants clear good blue prints of the following numbers and we shall be greatly obliged if you will send them as soon as possible.

Curtis negatives:		Harriman negatives:	
204	373	29a	142
221	375	30	143
292	369a	64	152
255a	384		
297a			

Also blue prints from Elliott 270, 273 & 422 if you have them.

L-137
N-143

The platinotype prints you sent us before have gone to 3 colorists and all have now come back. The colorists all complain of 2 troubles: 1st the dark tints (water or land in foreground) are so dark it is impossible to color them; 2d the grey cards show through. They ask for light prints, uniform as possible throughout, & mounted on white cards. As we are just where we were before. I shall be glad therefore if you will send us six more carbon communication 2 platinotype prints

If each of the following numbers, with standard matter & foreground held back for coloring:

Curtis Nos.			Hamilton Nos.
195	291		88
220	306		89
255	317		
273	424	Please keep matter blank.	99

The rest of my negatives have gone to the photogravure house for reproduction for two books. As soon as they come back I expect to send them to you for the albums.

Yours

E. Hart Hamilton -

Washington
May 15, 1908

L-141

Dear Curtis:

In writing you for positives yesterday I think I forgot two upright scenes taken for the 'Sacred Lilies' — the one with the man's face raised just above the bud of the flower.

Please send me for the Pub. Committee two good prints from these negatives, and send positives with the other positives to Mr. Hamilton.

Yours

E. Hart Hamilton -

E. S. Curtis,
Seattle.

P.S. Can you also put with the positives to be sent to Mr. H. positives of Gillett. 212+325 which I believe are now in your hands?

Washington
May 15, 1918

L-99
N-166

My dear Ferneau:

By all means use the photo you wish to illustrate the article. But why not have the Publication Committee ask the WA as well as the photo? Several members of the Capitol have written articles without submitting them to the Comm. + Mr. H. has regarded their publication as a violation of an agreement made on the ship.

Now in reply to your inquiry as to whether your "contribution to the volume is satisfactory or needs improvement" I will answer perfectly frankly — for you would not wish me to in any other way. The substance of the article is good, but the language needs a good deal of editing. You wrote it in a hurry, and a good deal of it by dictation I should judge. If you were to go over it again and spend a day or two revising it, I am sure you would improve it immensely and at the same time save me a lot of work.

You know I have to edit every fellows MS, and it gets dreadfully tedious as a steady thing, day after day. Some days my brain (or what is left of it) stagnates, + refuses to work + I can't do a thing.

With kindest regards to Mrs Ferneau + all your family
Sincerely, W. Mott Williams

Washington
May 16, 1901.

Dear Everitt:

Glad to have your letter of yesterday and to know that some of the last paintings will be along directly. L-134 N-155½

Next you are too old and too sensible a fellow to go round with a chip on your shoulder — so drop it — don't talk that way any more. You know you forgot all about the proportions of the books, and when the pictures came I sighed to beat my brains and kindly afford to retouch the drawings a little further with ex as to adapt them better to the shape of the pages, and I gladly gave them to him for this purpose as we were in a great hurry. However, our boy still contains "pieces never daily, with the signs of the pictures yet!

It is not necessary, of course, that every drawing should conform exactly to the proportions of the page, but it will look better if it comes somewhere near these proportions.

I have just rec'd. (this afternoon) proofs of two more of your pictures — the Harlequin & the Knight Rider — and am sending them to you at once

along with the originals. In the case of the Eidlitz head your grays have been made too brown and too dark, I think, and the head has been cut off too short. I have masked the original as it looks best to me. Please look at it and change the exposure just as you think best. I have also put into it a frame cut to proportion for reduction. By this I mean that this frame over the original drawing will reduce to right size for the reproduction, which is 4/5ths the original. Please fit this frame over the original better may - lengthwise & crosswise & attach it where it should go. The top piece of the head, with I have turned up, was intended to go where indicated on the reproduction.

Please mark both proofs, for corrections and return proofs and originals (to same time, which is very important) direct to H.W. Lanier, Doubleday Page & Co., 34 Union Square. Have asked for enough revised proofs as you can have 2 to help - They sent me only 1 of these! (two are 2 are sending you).

Hoping to receive the other drawings very soon,

Yours

C. Hart Merriam -

PS, I have not sent you a photograph of your picture.

May 16, 1900.

Mr. A. H. Hershey
New Era Printing Company
Lancaster, Pennsylvania.

L-118
L-159

Dear Sir:

I am greatly obliged for your letter of the 15th inst. just received.

About the type. As I understand it, every style of type comes in a number of sizes; for instance, we have been using 11, 10 and 8-point type in the Proceedings of the Washington Academy. For the first volume of the new book we want larger type of the same style; therefore I called for 12-point type of the same style. What we are after is a sample page set in 12-point type.

As to the halftone paper, I have no satisfactory samples. If I had, the difficulty would be solved. What we want, as I think you understand, is a permanent rag stock paper surfaced by calendering so as to take halftones, but not coated or sized in the usual way. The halftones you printed for us in the last volume of the Academy's Proceedings were entirely unsatisfactory.

Very truly yours,

C. Hart Merriam

May 14, 1900.

Prof. William E. Ritter
University of California
Berkeley, California.

L69
R-178

My dear Ritter:

For a long, long time I have been waiting for some article from you for publication in the Academy's Proceedings, to accompany the plate the drawings for which you sent me some time ago. I am returning this plate to you herewith to see if the arrangement meets your approval. If it does, you had better retain it until you hear from me again respecting the reproduction. I am hoping to arrange matters so that Britton and Ray will do the work on your plates and Doctor Eisen's.

You understand, of course, that I take the field about the first of July. You know also from a long experience in publishing that it takes time to have plates put on stone, and that you can not begin operations until you know something about the paper the plate is to accompany, and can give the plate a definite serial number. If your preliminary paper, therefore, is to come out before next winter, you will have to send it to me at once. If you have text figures to go with this paper in addition to the single plate, I should like to receive them with the manuscript. Please indicate where ~~the plate~~ each figure should go in the text, and label ~~each plate~~ with the legend you wish printed under it. I will attend to the

W. E. R. 2.

rest. Your preemption of the name 'Harrimania' was duly filed and was given the priority over several other claimants, chiefly among the bug men.

Some of your pencil sketches are a little indefinite for reproduction. For instance, I should hate to be the lithographer who had to put Fig. 1 on stone. The figures you send for the text will, of course, be ink-line drawings suitable for reproduction.

I dislike to hurry you, but you must realize that unless I get your material at once it must necessarily go over until next winter. Even now, the time is too short. With kind regards to Mrs. Ritter, I am

Very truly yours,

E. Hart Harriman.

Washington
May 16, 1900.

Dear Stanley Resor:

Can you not connect with Knight and see if you can't get hold of that Kodiak Bear painting? I've written him until I'm tired and it don't come. It was practically finished a month or six weeks ago, and we need it badly to put in hand, if lithographed.

L-136
N-170

Enclosed is a small bill ($2.70) for ~~2 stat~~ stat & mailing for cash reduction I had them make. Etc &c.

I shall send 24 of my original negatives to Keiser for reproduction by Photogravure, and shall ordered from Curtis a number of positives from Curtis, Harriman & Elliott negatives, remaining in his possession.

Very truly yrs
C. Hart Merriam

J. Stanley-Resor Esq.
120 Elmay, N.Y.

Washington
May 16, 1900

Dear Mr Lorimer:

Yours of yesterday at hand; also ten proofs of the Harlequin Duck + King Eider. L-138
They are pretty good N-153
but not equal to the Harrigan Teal. I have
found the King Eider's head as I think it should be
+ have sent letter proofs + drawing to Knight, requesting
him to make such additional corrections as he deems
necessary and return direct to you to save time.
I think Knight concerns do satisfactory work, but that
the Holiday's do. succeeds best with soft fluffy subjects.
Horn is more careful about exactly matching tints.

I have written Knight a number of times about the
bear + cannot understand why it does not come.
Hunter promises several more birds at once. All
of the birds might go to the lithographers at once,
the more fluffy ones to Holiday's the others to Horn. I think
the former are best for batches of 4 or 8.

The examples of proof I've in 10 + 11 point type, are
too small. We decided on 12 point for the narrative volume.
The running headline is Olc for the even pages; for the
odd pages I'd give a subject headline — as 'The Nest to
Shearwater Falls' for the particular page at issue.

poor imprint

Washington
May 17, 1900.

Dear Mr. Baker:

L-151
161

By this mail I am sending you prints of the negatives I sent a few days ago, and enclosed herewith is a list of the same.

Most of these prints are rough ones enlargements made in my office by one of my assts. who does not know many, but they serve to give a fair idea of what is in the negative.

Some of the prints do not take in the whole negative but have been trimmed or marked to show the part which should be enlarged for photogravure. About 7½ inches is the proper length in most cases for the reproduction.

How do you like my Rainy Glacier (190)? The print of Banks is terrible but the negative is fine. I have cut the end of the print about where the reproduction should end. Sent 2 negatives each of Banks & Fairweather to photogravure on each

Would it do well to put it in several plates of 2 on each sheet as Blanc Bay plate I am sending?

In enlarging this view of Fairweather (No. 209) the left was cut off too close on the right, as I have added a strip to show where more should be included.

Photographs Not Loaned after Copying
Wm. H. Holmes, Chief Artist

Tomorrow I expect to send you a subject list of my negatives now in your hands, and also a set of prints for suggestions as to enlargement and trimming for the photogravures.

Have started a new name and some of the drawings.

Yours truly

C. Hart Merriam.

List of C&GS negatives sent to Bell for reproduction by Hoffman for Harriman Alaska Expd. back May 14, 1904.

46. Skagway
47 Davidson Glacier, Lynn Canal
62. looking up Glacier Bay
71. Head of Inglefield, Yakutat Bay
82 Yale Glacier
121 Guyot, Mt Elder, Mt Vancouver, Mt Wellesley Glacier
124 Lamberet Glacier
140. Barry Glacier
166. Shore of Kodiak Id
169 } Lafonia, West Id, near Kodiak
171 }
172 Kodiak Village from hill back of town
201 } Pavlof Volcano. Let Hoffman have an electrotype of this
225 }
231 Five views, St. Paul Id., Pribilof Isls.
— " " " (taken by Evans in 1911)
239 Tahina Chilkat, Lituya Glacier
247 Juneau. (village)
250 } Juneau Harbor
251 }
242 } Glacier Bay Silvia. (arrange later to use other for Hoffman print)
243 }
270 } Mt Fairweather. (Select best for reproduction in report.
272 } Use 270 with cut off)
— Deposit of Volcanic ash in Aug 1912. Have only 2 negatives.

poor imprint

May 17, 1900.

Mr. ~~Bernard~~ theld Meisel
99 Broad Street
Boston, Mass.

L-65
N-219

Dear Sir:

I am sending you by express today the original colored drawings for seven plates and shall be greatly obliged if you will kindly inform me as to how soon it will be possible for you to put these on stone and give us prints of the same. The size of the type bed is $4\frac{1}{4}$x$7\frac{1}{4}$ inches, so each plate should be reduced to fall within these dimensions. I should be glad to know at what price you can furnish an edition of 1000 copies, and how much for each additional thousand copies.

Respectfully,

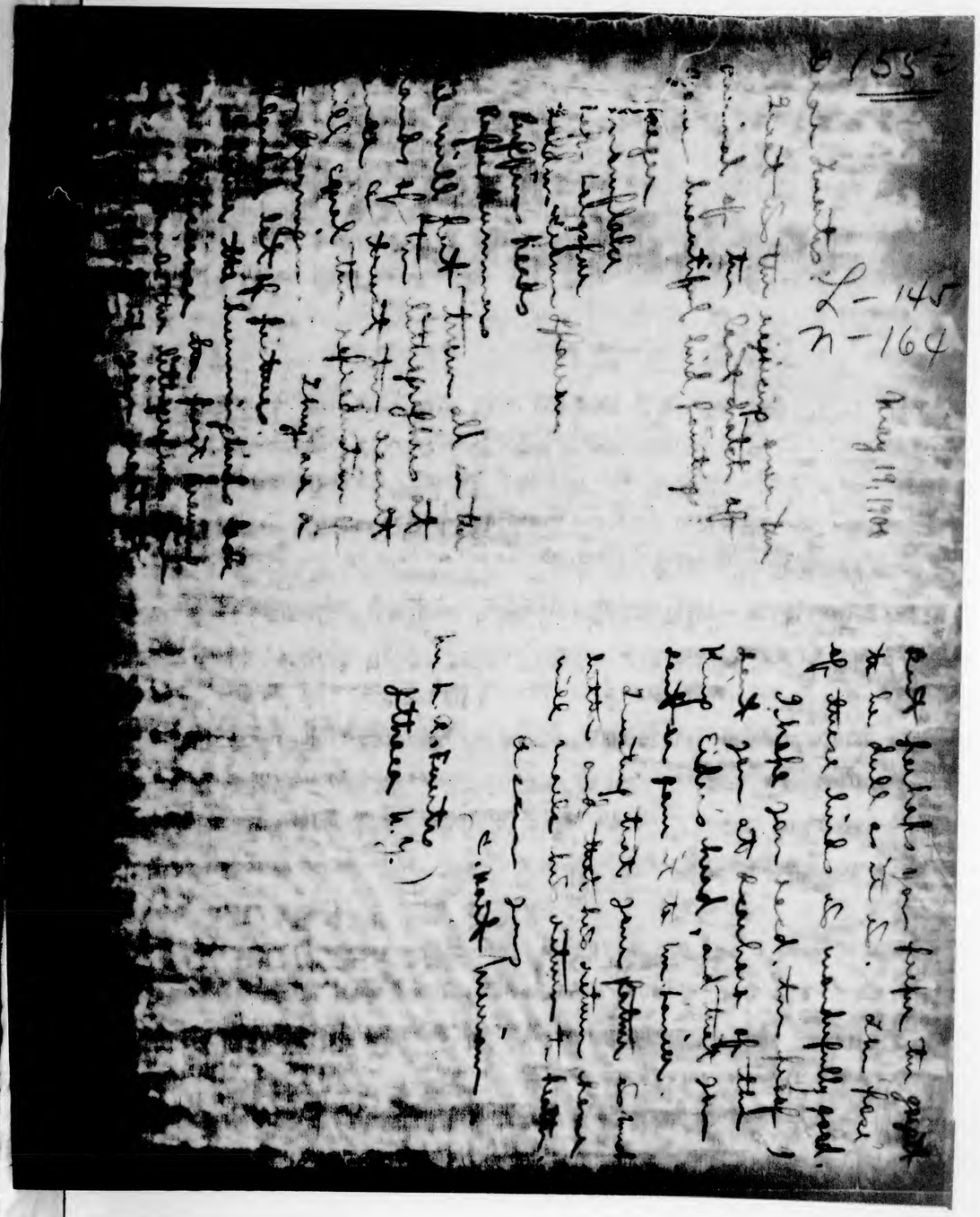
E. Hart Merriam

B 153½

L - 145
R - 164

Original Defective

Retake of Preceding Frame



Retake of Preceding Frame

May 20, 1904

My dear Mrs. Chapman:

N-182

Pardon my delay in acknowledging the colored plates, which came some days ago and are far and away the best we have had colored. The transparent colors are a great improvement over the shapes.

I have ordered some more platinotype prints from Seattle & when they come will ask you to do a few more.

Have been so swamped with work lately I am very behind in everything.

Yours truly,

E. Sett Morrison

May 20, 1904.

L-132

Dear Dr. Eisen:

Thanks for your letter of the 15th inst. and the lithographs of plates rec'd. in good condition a day or two ago.

The numbers of the plates & figures will have to conform to those of the volume in which they are printed, but these can be arranged so as to avoid any confusion.

Yours truly,

E. Sett Morrison.

Dr. Gustav Eisen
San Francisco, Calif.

May 19, 1900

Dear Sir:

L-90
N-217

Have delayed replying to your letter of the 17th inst. in hope of hearing from the lithographer as to exactly when he could deliver your plates, but will not wait longer.

I should be glad to see your text mss. & figures as soon as about June 5. I will turn to over them carefully, & will by that time surely know when the plates will be ready, and will write you promptly. If there is to be any considerable delay I will return your mss.

Yours
C. Hart Merriam

(Asst. Wesley R. Coe,
New Haven, Conn.)

Washington
May 20, 1900.

L-147
N-245

A. H. Markham Esq.
New Cavendish St.
Dear Sir:

Yours of the 17th rec'd. In replying, I want to say first of all that I have nothing to do with the business side of the Harriman Alaska & Pub. books. I am editor; Doubleday, Page & Co. publishers.

Personally I see no reason why it should be necessary to set anything like 200 pages of mss before electrotyping; if you can do the composition promptly the last of the figures have to go in & those are not yet all in hand, will cause some delay.

I should be well satisfied if you could keep 3 signatures or 16 pages in type at once, but you had better write the publishers about this. I do not think there will be any 12 point type in any but the 1st or Narrative volume. The others will be in 11 and 10 point.

We do not know how many pages will go in any of the vols. as all of the articles are not written. Of the pages for the 1st vol. (12 point type) I now have 240 typewritten pages and expect 100 pages more — maybe more or less. Then there will be say 50 or more text figs. averaging 1/3 - 1/2 page each. Text will be as much as I can crowd to the size of it now.

The Rowaghs me you sent me mch. help and I shall return in a day or two.

Sincerely yrs—
C. Hart Merriam.

P.S. I like the sample type you set in 12-point and am not sure whether it or the other style will look best.

Washington
May 21, 1900

L-V3
77-163

Dear Mr Lamb:

The Communal checks shows just what they are decidedly inferior to the other kind most times for proofs. The lithographer has reproduced literally all the hasty scratchings of a hurriedly made original & evidently is not used to bird work.

If you think of using these plates in the book you had better send proofs & originals to Fuertes for detailed correction. Perhaps he will touch up the originals a little more. They were intended for life studies of the colored soft parts—skin & circle of naked eye, & not for finished drawings of heads. A few touches however would complete them all right.

L. B. Fuertes, Ithaca, N.Y. is his present address.

I am returning the drawings of Fuertes by express in a large package, which contains also the Kadiak Bear (not come up today!) and six more of Fuertes bird paintings—Ruffed-backed Thickhead, Alaska Longspur, Ruffed-backed Bunnings, Golden-crowned Sparrow, Rufous-crowned Sparrow, & Jaeger.

In the case of the Golden-crowned Sparrow I am not sure about trimming as indicated. Of course it fails wholly to confer to the proportions of the page

but it als a well balanced picture + the question is whether or not we shd better distrub its equilibrium by trimming. If you decide not this, please mention on it marks before sending it to Longmans. I think the others are all right as marked.

If you decide the mark on these I would suggest sending the Longfellow, Goldsmith + Hemans to them; the Chickadee, Snowflakes + Jays to Heliotypes.

Have you yet proofs yet of any of the landscapes? I think the bear should go to them. He will handle it I think, particularly the greens, much better than the others.

Mail addressed to me after the 22d and before the 31st should be sent to Lyons Falls, Lewis Co, N.Y.

Very truly yours

C. Hart Merriam

Within the fainting I am reading Poets dream of Lagoons + shores. Shall he make a full size sketch of it or finish out a few eight bird to better than that?

but it als a well balanced picture & the portion
& exhibition as not as that letter disturb its equilibrium
by timing. If you decide not this, please exercise
ext marks before sending to Lamprey. I think
ten others are all right as marked.

If you decide ten more on these I would suggest
adding the Longfellow, Goldsmith & Hemmer to Henry ten
Chisholm, Emerson & Joyce to Whittier &c.

Have you no proofs yet of any of the landscapes?
I think ten shaw should go to them. He will
handle it I think, particularly ten greens, much
better than ten others.

Mail allowed to me after ten 22nd and before
ten 31st should be sent to Lyons Falls, Lewis Co N.Y.

Yesterday I
E. Vedder Harrison -

Write on painting I am sending Puente Viejo
figures on shoes. Shall he make a full size sketch
of it or - finish out a few eight inch to scatter
about ten teat?

Retake of Preceding Frame

May 22, 1900.

L-161
N-168

Mr. W. H. Lanier
Doubleday Page & Co.
34 Union Square, New York.

Dear Mr. Lanier:

The accompanying sample page in 12 point type looks exceedingly well, it seems to me.

As to the quantity of type needed, I should think we could get along with two signatures of 32 pages each, making 64 pages, though it would be better if we had enough to set three signatures or 96 pages. The matter could then be electrotyped and the same type could be used over again.

The only delay I now apprehend is in the text figures. You have not told me whether or not you succeeded in securing satisfactory drawings of Shoshone Falls and the railway train. As these come first, it is important to have them in hand at the earliest possible moment.

Very truly yours,

C. Hart Merriam

May 22, 1900.

L-155½
N-173

Mr. L. A. Fuertes
Ithaca, New York.

Dear Fuertes:

You doubtless remember the black-footed albatross or gony which hung around our ship the afternoon we left Yakutat Bay. I believe you made some wing sketches of this animal. If so, would any of them be suitable for a small line drawing for a text insert in Burroughs' narrative? He mentions the incident and it occurs to me that a small cut in the text would be very appropriate.

I have just received from Lanier proofs of your two cormorants' heads. I should send them to you except that Lanier requested their immediate return, so I am returning them direct to him but am advising him to send proof and originals to you for detailed corrections. The proofs in my judgment are the poorest of those thus far received. They were executed evidently by a lithographer unused to bird work. He has shown all the overreachings of the brush, thus exaggerating the unfinished nature of parts of the drawing.

Of course these drawings were intended to show the flesh colors of the soft parts, which they do most beautifully. The necks were obviously not finished for reproduction and consequently without a little retouching do not look just right, particularly the bird without the tufts. I have indicated several corrections on the proof and trust that Lanier will send the same to you at once.

Very truly yours,

C. Hart Merriam

May 22/1909

L-133

Dear Knight:

At last the bear has arrived. and I am sending it right off for reproduction. Will keep the fox till you come.

Am leaving room to have you a mule.

Yours

E. Hart Merriam

Chas. R. Knight, Esq.
Am. Mus. Nat. Hist.

Washington
May 22, 1904

L — 144
27 — 175

My dear Lemon:

Thanks for yours of the 20th just received. You are entirely right about the small hypsometers — I thought for your former letter it was coming about the 23rd.

In accordance with your kind offer to do a little fishing on your excellent fishery on the Alaska Coast, I am returning the bill to you herewith. But it is by no means my wish to keep it more than a week or ten days.

Very sorry you will not be able to stop on your

Yours truly,
C. Hart Merriam

(
Bur. of S. E. Bureau
Ithaca, N.Y.
)

Original Defective

June 5, 1908

N-233

Dear Mr Johnson:

On returning to my desk this afternoon, after an absence of 12 days, I find your letter of June 1st and the enclosed Burroughs MS. I drafted an outline & read the proof through and am returning it herewith.

Regretting the delay

Very truly yours

A. Mitchell Palmer

Mr. R. U. Johnson
The Century Magazine

Washington
June 7, 1908.

L-163
Dear 234

Brother Builders:

A man cannot do more than his
do in a day— and but true. For to—
last 15 days I have worked 15–17 hours a day
just as hard as I could, but it has proved
simply impossible to get at the drawings
that, or attend other equally urgent matters,
until today. I have just about half the
afternoon unpacking, cleaning, selecting & repacking the
final printings for Gifford & Lockwood, and
expect these chosen for the book will reach
you in a day or two. It is important
that I have no list of those already in your
hands. Have you recd. proofs of any more
of these?

Please send to Grant to Hoen and return
them For to me.

The last drawings you had made, & not
I find in a package sent— proofs of the line
work, are a decided improvement over the
first sketch. I have not seen proofs of
cover design since the first attempt.

The RR train is pretty good.

Don't like the samples of paper at all. They are smooth. Surely we don't want a surfaced or calendered paper for either text or plate.

Shall we have the lithographer put any lettering on the plates (see Hon. Stanford) or make a hand printer run all the lettering to make same uniform?

Enclosed also a letter from Merrill of Boston about putting the handsome worm plates on stone. I hear all for the technical part of casual, but it is important to have them in hand early.

Will you authorize him to go ahead and make the batch of 6 plates?

Will you authorize me to have Britton & Rey make 2 sample plates to have to compare with Merrill's? You may remember that they did some very excellent worm work, & decidedly lower in price than Merrill.

Will send you a sketch of Burroughs' last trip to Tennessee.

Yours truly,

C. Hart Merriam

H. W. Lamar
Secretary, Dept. Agr.

1914-16 ft. —
Washington
June 7, 1909 L-150
N: 174

Dear Stanley-Brown:

Yours of ye today came this morning & the paintings this afternoon. The latter I am returning by express this eng. addressed to Mrs. H at 120 Bway. You forgot to prepay charges & I had to pay charges at this end.

In the pkg you will find 4 separate bundles:

1. containing the 2 Gifford selected for the book;
2. do the 2 Dellenbaughs " " "
3. do 3 of Dellenbaughs all of which are suitable " "
4. do 2 Giffords & 2 Do's not needed for " "

Those selected I suppose you will hand to Mr Harriman. I do not know who is superintending the painting. Have seen but one proof & showed that to Mrs. Harriman when in N.Y. on my way west. It was decided at that time that Gifford's Bay Glacier was to go in. The only difficulty was the size of the picture (4' 6" frame). Mrs. H. thought Gifford might have a smaller one

which could be sent to Litchfield but I very much doubt if he took so much trouble with true paintings of the same thing.

If I can get time to-day will drop Mrs. Harrison a line about these paintings & am confident something more will be sent.

Yours
C. Hart Merriam

J. Stanley-Brown
120 Emery, N.Y.

PS. I endose business bills to date and address envelope - C.H.M.

Mr. Hart Merriam

Dear Mrs. Harrison:

Mrs. Stanley-Brown has asked me to write you about the paintings of game birds and animals which you wish to have sent to Litchfield. I am sorry to say that I do not think it will be possible to get them there in time for the Exhibition which opens on the 15th inst. Besides the paintings which you have at your house, there are a number of others in the studio which have been promised for the Exhibition, and it will be impossible to get them all together in time. Besides, I am not sure that the Committee in charge of the Exhibition would care to have so many paintings of the same species. I am sure that they would prefer to have a few of the best paintings of each species rather than a large number of inferior ones.

I am very sorry that I cannot do as you wish, but I am sure you will understand the reasons why it is impossible.

Very truly yours,
C. Hart Merriam

Mrs. Hart Merriam
1919 Belmont Ave. (Mt. Pleasant Block)
Washington, D.C.
Chief, Division of Ornithology and Mammalogy
Biological Survey
Department of Agriculture

Washington
June 7, 1914

L-164
7 July 97

Dear Fuertes:

On returning to the city day before yesterday I found your letter of the 4th inst. and the line drawing of Jaegers and the albatross. They are great — all of them — just fine. The albatross is exactly right — just as he left missing after the ship at Antipodes & got so catchy & snuffy. They will be a most attractive addition to the book.

Am waiting for more proofs of your drawings to send you shortly.

Semmes & Grinnell drifted in on me yesterday unexpectedly & met in my office. Was so glad to see you in New York.

Yours

E. Hart Merriam

L. A. Fuertes
Ithaca, N.Y.

poor imprint

June 8, 1900.

Mr. J. Stanley-Brown
Union Pacific Railroad Offices
120 Broadway, New York.

L-170
N-194

Dear Stanley-Brown:

Curtis is in a hurry for our negatives in order to complete the prints for the album. Some of these negatives are now in the hands of the photogravure men already and the others needed for the album I am sending you by express today. They are marked 'E. H. Harriman' with Curtis' name in the lower left-hand corner. You will recognize the package and may forward it direct. I am pushing the remainder of the line drawings so that we can get most of the Burroughs manuscript in type in the near future.

Very truly yours,

E. Hart Harriman.

June 8, 1900.

Prof. Bernard E. Fernow
College of Forestry
Ithaca, New York.

L-166
N-200

Dear Fernow:

Many thanks for your letter of the 4th inst. and for your manuscript which arrived this morning. I will straighten out the station for Abies amabilis from my journal. I am very much obliged to you for the trouble you have taken in going over this manuscript again. With best wishes

Very truly yours,

E. Hart Harriman.

June 8, 1906

My dear Dr. Nelson:

Many thanks for your letter of the 6th inst. and the accompanying Preface, which I am very glad to have. It covers the ground very nicely.

The list of names I will correct, as you request. Would it not be desirable to indicate that Carol, Arnulf, and Roland are children?

Thanking you for your promptness in the matter, and for your invitation to "full your latch string", with reciprocity,

Yours truly,

C. Hart Merriam

Rev. G.F. Nelson

poor imprint

June 9, 1900

L 343
M-

Dear Dr Dall:

Will you kindly look over the accompanying MS of Grinnell's notes & give the correction of errors, if such there be, and greatly oblige.

Will you also kindly give the correct spelling of the Indian tribal names, such as Thlingit or Thlinkit, Chimsyan &c &c.

Yours
C. Hart Merriam.

Dr. W= H. Dall.
Smithsonian Inst.

Washington
June 10, 1904

L-148
N-254

Dear Ritter:

Many thanks for your letter of the 3d inst. and accompanying ms on Harrimania. I will have it put in type at once & send you galley proof. Your first reference to a figure fails to give the figure. It is on p. 2 & the text runs: "Both walls of each ditch composed chiefly of the osteo and intermuscular conal cells respectively (fig. —)." Can you supply?

Please fill out the accompanying blank with your autograph and number of separates wanted.

I have added your list of papers.

Your letter shows a slight misunderstanding of what I was driving at with respect to the Academy proceedings. It seemed to me important to put something on record, announcing your new head & preempting the name Harrimania, before next winter. As you could not finish the final paper I was anxious to secure a preliminary article, such as you have now supplied, which covers the ground admirably.

poor imprint

But I should like a colored plate to go with it, as well as the black-and-white plate sent. You say nothing about this colored plate, the drawing of which I returned to you sometime ago. Some of the pencil drawings that were with it I recharge on the present plate.

If you have figures enough ready to make one colored plate, and Ritter & Kay will agree to make, print, & ship the edition to me on or before July 7, I will arrange for it & authorize you to print the mark B.A.R.

Please let me know about this at once, as the sequence of other plates is involved.

I should also like to have colored drawings ready for a plate for one other page you contemplate sending me in a few days, I should be glad to have you print it also to B.A.R (making 2 colored plates in all) to be done at the same time.

I can take care of all the pages you send for the academy "boarding" up to about the middle of July, when I leave for California. After I go they must go over until my return in October.

As ever
C. Hart Merriam

June 1, 1910.

My dear Mr. Page:

L-102
M-184

Yesterday I sent by express the first half of Burroughs' list, and today I have mailed to you registered, the remainder.

My recent absence, followed as closely by Lawrence, will be a little awkward, but if someone in your office understands about the illustrations I guess we will come out all right.

You should just read from Curtis (through Stanley-Brown) a batch of specifications for photogravure reproduction. These hold these a few days until we are able to determine just which of them are to be reproduced in color, as it would be an unhappy expenditure of money to have the same plate done in color-litho-ing and photogravure. Because I have had a letter about a day or two I expect to catch up and have things straightened out at my end of the line.

Sincerely

I should advise going very slow about giving out the paintings for reproduction until we have received proofs from each of the lithographs more of the landscape already given them.

Lanier said in his last letter (June 8) that he enclosed a list of the paintings already in hand. But the list failed to show up. It is hard for me to keep track of these various sketches, etc. of illustrations, some of which escaped my hands before being properly listed. The first lot of paintings went to Lanier direct from the artist (Gifford & Hallenbeck) and I have never had a memorandum of what they are.

I have had platinotype prints made over & over of some of Curtis' best negatives & have had them colored by 4 different artists. After many failures we are now getting some very beautiful pictures and it is necessary to fix on each of these we shall reproduce in color before having photogravures made which will duplicate them. I think I can attend to the choosing and will write you again.

Yours truly,

Washington
June 11, 1906

L-176
R-192

Hydrographic Chapman:

The solitary child in the big house can't safely go today for me. I am obliged. Since my return I have been so completely delayed with other mails that I haven't had time to see whether I stand in the child matter. Perhaps you had better send me a statement now as I can settle for the main job, and we can then attend to the little odds & ends later.

By this mail I am sending you a batch of 8 photographs for coloring, and with them I colored a few which were not successful but which may furnish some suggestions.

I have labeled them so you can tell which is which, and will make a few notes about some of them:

1. Harvard Glacier. The green on the two sides is a mistake, & the paint failed to show that the whole glacier sweeps around in a great curve from behind the hill on the right. The entire ice field on the peak is on the right.

2. Mer de Glace & Chamonix. The color on the ice & the

finest views from two and to be colored. In the latter you will notice that the trees on the left stand on top of a cliff, with a dark background in color.

3. Columbia glacier. A little too much blue in front hill

4. A tongue of Columbia glacier. Th. dashy blue/green along the edge of the moss should be grass green, as it is grass and edges.

5. Glacier Bay. The ice in the water is excellent, but the sky is poor. Note the glacier on the right.

6 & 7. Reader's village, Yakutat Bay. The valley and the a dreadful alley of the interior green on the alders on the hills. At least distance green does not look as bright as green, and it should not come as close to the center. In no. 6, please paint out the tent in the middle and the mountain in the lower left hand corner. Better painted copy the bark on the huts in the reddish yellow too bright; and the stones on the beach a little blue. Also, the artist smudged the water on the right & made it look like sand. A narrow tongue of water comes in along the foot of the mountains.

You see the only one who has had any luck so far in painting the fleshy effect and I shall be greatly obliged if you will try these. I have just got these lighter paints, for — textile.

With kindest regards to — and Mrs. Hunt —

Washington
June 11, 1904

L-180
M-205

My dear Mrs. Hyde:

Today I have gone over the line-cut for the Alaska book & have compared each of the reproductions carefully with the original. Most of the reproductions are satisfactory but some of them are poor. First of these I am returning with the originals to have new electros made in place of the old ones:

1. Indian in canoe. Cut from the face shows filled black.

2. Rocks. The black of inside, which brings out form of top in original, fails in reproduction

3. Rocky Point. Coarse & black & hasty. Compare clouds with original; also rocks.

4. Sheldon Church &c. Reproduction too big. Try over 3½ instead of 4 in.

5. Tree & glacier. Reproduction too big. Try 2¾ instead of 3¼.

In 1 and 3 the trouble may be due largely to bad ink & poor printing.

these returned original and 3 proofs of each when the new cuts are made.

In a very few days I will send on a new batch of original drawings. It seems almost impossible to get all the drawings we need for example article in season to have the cuts ready to send to printer when we send back the galley proof. There is a little use in putting the whole thing in type before the text figures are ready.

Very truly yours

C. Hart Merriam.

Mr Walter H. Page
Doubleday Page & Co.

L-93
21-196

Washington
June 12, 1900.

Dear Grinnell:

Your MS on the Alaska natives I have read with much interest. It is just the thing for the hassle. I have ventured in a few places to make a few pencil changes which you may or may not approve, and am returning the MS to you herewith. With it I am handing you such of the text figures as have been finished to date.

You may want to add a few lines here or there to allude to these cuts. Can you not get the Harriman to photograph some of the splendid masks & silhouettes & a few other things they brought back. Some of these are really very fine and should go in the book. I will have drawings made if photos are sent me also. Would prefer photos 5×7 with both scale (or rules) & blue prints of each. The objects should be photographed large enough to admit of reduction.

(2

You might telephone Hardy-Brown & Co. Montreal office about this.

Beside the chart, I think you have among the assorted Indian things sent to the N.Y. Zoo, some article we should figure.

I examined the Talon dead houses & found only burned bones & a few trinkets — very rotted. What is the big polygonal building at Nuttakattee & Lucien in the same drawing with the church?

Your description of the Nuttakattee row comes in the middle of your talk on Nuttakattee. Would it not be well to tr. to p. 5 or to end of part on Indians?

On page 8 in reference to Bear Night, ought not start the No X or the hog to go in brackets?

Shall say to Mr. William Sound natives are real Eskimo & not Aleuts.

In your description of the barabara you omit to state that the whole affair is covered with earth & sod & looks like a little prom-ridge.

The big seal of the Eskimo is not the sea-lion (who does not occur north of the Aleutians) but the big hair seal with 3 flukes to the two spear-shaffts, Erignathus barbatus.

(3

Some of the flower Bay Eskimo women were not so darned small — see Elliott's photo enclosed.

Do you not think it worth mentioning that among the Eskimo we saw at Flower Bay were 1 or 2 women with no noses — whose noses had been cut off as reward of industry [industry = infidelity to husband]!

Please return the MS & illustrations before you go west. Can you not bring them up in person & stop over a day with me before starting? I hope so.

The Salmon article also should be well illustrated and I have no material for it.

Your Gilbert & Ellice chapter will be accompanied by excellent photographs.

Yours truly,

C. Hart Merriam —

Will you write the legends, to go under the cut?

L-143
D-195

Washington
June 12, 1900

Dear Curtis:

I have been away a couple of weeks but am back at the old stand now.

Your letters of May 22, 29, + 31 are at hand. The new list of platinotypes also has and. + is just what we want. I have distributed them for coloring. No, I didn't mean that all of the previous ones were too dark but that about half of them were. We have mostly failures, but some fine successes in the coloring. So I wanted a lot more prints to be colored. To find out to start, for the last lot. No bill has reached me for it as to Stanley-Brown. When it comes I will pass it on to Stanley-Brown. All bills should be made out in name of E. H. Harriman. The bill for cent for pictures was made out in my name. The first batch of pictures has reached New York ale, and I suppose the second lot will arrive soon. I will then give you an order for a 3rd lot

of prints, to be shifted as before to E.H.H. 120 Broadway New York. These are nos:

252	342	432	EHH
326	345A	444	119
331	409	450	122
334	410		

(13 in all.

All of my negatives except those in the hands of the photographic men, were sent you about a week ago, & the others will follow as soon as returned to me. I refer to those you want for the album.

The blue prints came OK & are in the hands of draughtsmen who draw on the plates & then have an staff to bleach the print. But these are still into photolithotypes & I will OK & forward to you.

I now understand for the first time why the ocean skies at an angle of 45 degrees in some of your photos. You have it the right setting. Why not send to Folmer & Schwing, 404 Broadway, New York, for their enlarging, reducing, & copying camera, with slide making attachment. It corrects all errors of this kind & is a splendid machine. I have had one all winter & like it immensely.

Yours truly
C. Hart Merriam

Washington
June 12, 1900

7-226

Dear Bleeks:

Hello! How about your report for the H&C? Is it nearly ready?

Where was the ewe & fawn taken? Do you recognize the peculiar saddle-back lot?

Did your girl let you marry her after all, or shall you have to go farming for another year?

If you did marry already, how do you like married life, and how does your wife like you?

Are you not sorry you didn't go to Siberia with us, or was that old bet back of Stefansson Bay better than Siberia?

With kind regards

Yours
C. Hart Merriam.

Prof. Charles Bleeker

P.S. Folmer is not married yet. He doesn't seem able to concentrate his affections.

L-182
N-223

Washington
June 13, 1900.

My dear Mrs. Chapman:

I have just succeeded in getting a lighter print of my photo of Bryn Mawr + Lincoln glaciers and am sending it to you herewith. If you will kindly color it and return with ten cents I shall be greatly obliged.

With kindest regards, in which my wife joins,

Very truly yrs

C. Hart Merriam

Mrs. M. A. Chapman
157 West 84 St. N.Y.C.

L-114
N-225

Washington
June 13, 1900.

My dear Mr Muir:

How about that Glacier article of yours? Is not a couple of weeks overdue?

A warm place is waiting for it as it will chill the rest of the book. I hope it will get here before this reaches you, but if by any accident it should not, please take it right down town and mail it.

Everybody missed you at the Harriman dinner on the 2d — the anniversary of our departure for — New York. 19 of the ship's company were there.

How are you anyway? entirely recovered and your rugged self again I hope.

I expected to get off for California by the end of this month, but now find that the Alaska book business will keep me here at least a month yet. If I had your ms it would help matters greatly.

With kindest regards to Mrs Muir and yours daughters

Yours truly

C. Hart Merriam

John Muir

Washington
June 11, 1914.
L-174.
N-206

Dear Stanley-Brown:

Thanks for yours of yesterday with samples of cover. The diamond is so little off it's me that it is simply the choice of the lesser evil. Mrs. Perkins likes the line of lettering across the top, and I don't like the idea of lettering (as arranged) in the corner, as the simplest way is to accept the plain unlettered samples with the chemicals diamond in the center. I don't like the gold line around the border.

Glad to know that the 2d batch of paper has been sent from Curtis & Ford's to 254 Still a third batch will come in about 10 days.

Have been working 8-10 hours a day on the book matters ever since my return from Westmoreland New York and am nearly 'caught up'.

Yours truly
E. Mark Sullivan

J. Stanley-Brown Esq
120 Liberty, N.Y.

Washington L-189
June 14, 1906. 198

Dear Curtis:

You forgot to send me ten 2 print I asked for some time ago of the very old Keam's Cañon at the 'Deserted Village'. You remember it was the natural upright Natural Chimney of rock, with a mesa face beautifully carved on top of the Keam's head, & natural cross fires. A sphinx & the stones behind it if I remember rightly. I cannot give its number as I have no print. It was a very old picture & stood at the right (south) of the village. Please send me 2 good prints immediately and send a fee slip to Harriman. Please also send Harriman the following additional fee slips:

246	400	425	fee slips for	
247	401	426	and Harriman reprints	
259	402		19	
325e	422		134	

Yours truly
E. Hart Merriam

E. S. Curtis
Seattle

P.S. Today thank you acknowledge receipt of your 2d letter of fee slips.

June 15, 1911.

L-186
N-213

Mr. Linnell:

By all means come if you possibly can. Come direct to my house (which you can reach in 20 minutes from the train) by taking the yellow car outside the 14th St. depot & transfer at U. Or take the 12th St. car & you get off at 16th & U without transfer. Let me know the day before & we shall look for you at breakfast.

Probably we can get some fine bird photographs which would be better than using those already published by Mason, though two or three of the latter would be nice.

Yours truly,
E. Burt Morrison.

have a few more drawings for your Indian chapter

June 10, 1916

L-173
N-199

Dear Master:

Very many thanks for the Overlook, Lakeside and colony of Riffin just rec'd. They are all fine! My, what a superb lot of bird pictures we shall have!

Richard and I have just been admiring the Riffins. The attitudes & wing feathers are perfect. I think I shall have them photo lithographed in black & white, just as it is.

The Bell & the Lincoln are charming.

Am hoping for proofs of some of your other paintings every day now. They must come soon.

Am sending you some proofs of the Hennigers — very two printed rules instead of bullets under it. It will be all right in the plates.

Sincerely yours
C. Matt Morris -

Louis A. Brucker, Esq
Ithaca, N.Y.

L-195
N-224

June 15, 1918.

Lear Curtis:

And still they come. Please add to the fasteis list already in your hands the following:

212
360c
405
419
452
456

Martin J. Thomsen -

E. S. Curtis
Seattle

June 17, 1904

Dear Curtis:

L-197
N-218

I have just read from the Publishers proof of your Sycamore sheets.

They certainly are much improved, but do you like the machine looking sketch at base of neck of the specimen?

Please keep one proof & return the other direct to Doubleday Page & Co., 34 Union Sq., marked with any corrections you may make.

Yours
C. Hart Merriam.

Mr. H. A. Curtis
Ithaca, N.Y.

Washington L-175
June 17, 1904 N-228

Dear Curtis:

Hope you have satisfactorily disposed of your Adirondack forest contracts by this time and are restored to your ordinary equinimity.

Have at the illustrations for your Alaska article. I have pencilled the plates into your memorandum list & not find all you mention.

Of the Kadiak species do you prefer Curtis no. 366 or 366 a?

Curtis 292 Indian River I have no print of.

I have selected for your Lillet's 375, hemlock bitter with Indian sleeping & tree; Curtis 307, 315 and 325; and will give you a good inland spruce forest sleeper. Do you know the name of Lillet's 'view from Kaetuna' mile you ask for?

Our kindest regards to you all.

Yours
Merriam.

Prof. H. C. Curtis
Ithaca, N.Y.

P.S. By the way, shall I spell your name Kurtis or Kurtiss?

Washington
June 17, 1910.

71-209

Mr. S.A. Smith
Building, Pgh Pa.

Dear Sir:

You have now rec'd. two batches of photos from Curtiss, for use in making photogravures for the Harriman-Alaska book. A third batch will reach you in about 10 days or 2 weeks.

Some of these Curtiss photos are being colored and some of the photogravures will go 2 on a page. So we must be patient a little longer till we have them all in hand and know just where we stand. However, some more are in your hands (of the 1st + 2d sending) are surely for single page photogravures and might be sent off as soon as you like. These are Harriman 44, and Curtiss 179, 187, 207, 213, 218, 225, 245, 292, 296, 300, 315, 325, 332, 352, 367, 371, 376, 497.

Besides these above, which are for single full page plates, you might send at once the following for two on a plate (both Curtiss): 195 (Wrangell) 236 (Sitka); be by side, length-wise of the plate. The others cannot be made up until you receive additional positives from Curtiss

(2

You might make up another fair by taking 302 (Mahadeva Mt. + Entablature) + putting with it my 221 (Mahadeva Mt. + Khiliuk). They should go across two pages, one above the other.

Most of the photogravure proofs I have recently sent you from my negatives are unnecessarily small. These which cross the page are only 4 inches wide; they might easily be 4½–4¾. If you will compare any photograph (natural height) of Nanda Devi with the photogravure you will see what I mean. This particular photogravure Co. or process will have to be made over anyway.

Do it like this. Proof reverse. Mr. Lawrence said he would stop it + insist on several proofs of everything. It is time to insist on sharp reproductions. It takes time enough to keep track of these pictures without the additional annoyance and inconvenience.

As to the 15 photogravures from my negatives, of which I have sent. Proof each: several are very fine, several fair, and several simply lovely.

Taking them in detail: Glacier Pk, Mt. Fairweather, and Peak of Volcano will have to be made over.

Peak is not trimmed as I marked but a whole inch is shown on the left + ½ in on the right which I cut off. By trimming as indicated and

(3

enlarging the picture to 7 inches in length (reducing breadth in proportion by cutting off water below) we shall have something superb. Please also call attention to a dark line on the edge of the snow of the right hand peak as should be removed.

I sent you 2 negatives of Peak + below 220 in Mt.

Laid on glacier (47) is very fine + needs working up + putting down.

Jumeau (291) is fine, particularly the mt.

Neither of the two last pictures is good. In the one showing the water (24) the sky on the left needs darkening.

In the case of Mt. Fairweather (280) the water must be held back while the mts are printed darker.

The particularly fine photogravures are the forested shore of Inside Passage (= one plate), Skagway, the cliff of glacier, and the magnificent ice front of Davy glacier.

The latter is superb, but there is an error in the pg. In reality + in the photograph the sky was entirely hidden by fog, + the line of it was concealed. But in the photogravure the fog is restricted to what shows of the mt. This is wrong, because if it were not for the fog we would see twice as much mountain.

The plate mark is too far away from the picture in all of the photogravures. Mr. Lawrence understands + sufficient will be allowed in the edition.

Can you not obtain of the photogravures here a little

L-184
H-

June 17, 1900.

Dear Mr. Page:

Thanks for your letter of the 11th inst. in reply to mine.

I have just written your Mr. Truitt a long epistle about details of the photogravure work, with no very serious — time killing.

John Kinmont has sent this to you — direct. That is great good news. Will you send me as early as practicable an authentic (confound) typewritten copy so I can read & be sure — and to sometime select the remaining illustrations.

Yrs truly
C. Hart Merriam

Mr. Walter H. Page

17

Mr. Merriman is in a hurry to get the album out. Curtis of Scribner who is here for the fortnight has come to a standstill waiting for my negatives, which are now in the hands of the photogravure people. He particularly needs as soon as possible my nos. 47, 71, 124, 128, 225, 231, 239, 243, 250 & 282. Of these, you have sent me proofs only of 121, 124, 231, & 250 thus liberating these negatives, which should be returned to me at once. You have also sent me proofs of 47, 225, 243 and 282 only are unsatisfactory; and I have had no proofs of 71 and 239 — better fine things. Can you not hurry all of these up?

The remnant (original & proof) I forwarded to Evarts last night & asked him to return direct to you. The Gifford Lorimer proof looks too yellow but I will not criticize it. It should go to the Artist himself — Gifford — who is out of town. Address you will have to get from Stanley Merriman, whom you can reach by telephone.

I will return the Gifford printing proof by express in the morning. What has become of the rest of the first batch of birds? Have those been sent to the Heliotype Co? Shake 'em up.

Yrs truly
C. Hart Merriam

June 19, 1911

L-194
N-208

Dear Stanley-Brown:

Thanks for your letter of yesterday. I have today received a letter from Irwin telling me that I must write him direct to Doubleday Page & Co. as he found it impossible to get any. I have asked Page & Co. to send me a typewritten copy.

As to the signatures for the albums: certainly all but 10 of mine. I have 11 on hand in lots of fifty pages each & I have sent the number to $1.00 & asked them to finish the matter.

As to the Indian things we must plead guilty for having for ourselves retained: they are two in number & each of them is about a foot long. They are, as you say, of buckskin & some of them are particularly well illustrating. It seems to me much preferable to illustrate objects actually got by the explorer rather than those in museums got by somebody else.

I should like a good blue print of each & also a good value or sepia print, all 9x7", for drawing. The daylight ones are the blue print & were the good print for detail. The sheets should be large enough in the folds to shift of centre with deduction of the drawing — as you of course know.

Am expecting Grinnell on here tomorrow.

Yours
C. Hart Merriam.

L-206
M-212

June 21, 1906

Dear Stanley-Brown:

Yours of yesterday at hand.

Grinnell was here yesterday and went back to New York yesterday P.M. He spent some time at the Field Columbian selecting photographs for his Salmon article, which I shared.

Muir's article reached me yesterday. It contains about 3700 words. I will read it at once for illustrations.

By U.S. Express I am sending Mr. Merriam at 120 Liberty a small box containing 20 lantern slides for Mrs. Merriam. Sorry I was not able to complete the series earlier. They cost me $28.50

Yours
C. Hart Merriam.

J. Stanley-Brown
120 Liberty, N.Y.

June 22, 1900.

L-201
N-215

Mr. S. A. Everitt,
Doubleday, Page & Co.,
34 Union Square, New York.

Dear Sir:

The revised cuts have just come to hand, and are much more satisfactory than the first batch. Please substitute the new electros for the old ones, so that there will be no danger of sending the wrong one to the printer.

I am sending you by express a large batch of drawings--42 in all, for reproduction for text figures. The reduction is marked on each one. This batch includes nearly all of the text figures for Burroughs' manuscript, as far as Yakutat Bay, and includes a number for points farther on. It comprises also some illustrations for papers by other authors, the manuscript of which is now in my hands.

As soon as these cuts are made the printer may go ahead, and I trust we shall be able to keep up with him hereafter, so that there will be little if any delay for illustrations.

The list of drawings sent you herewith is appended. You will doubtless observe that one of Mrs. Keeler's drawings is a combination of line and wash work. It is the large picture showing Bryn Mawr Glacier in profile, and is a very beautiful thing. Of course the wash work on this drawing will not reproduce, but I feel reasonably confident that there is enough line work left to make a good

2--S.A.E.

picture; at all events, the experiment is worth trying. I think it will be very effective when reduced to 3 1-2 inches.

Very truly yours,

C. Hart Merriam.

In same pkg. with drawing, are two 3 length views. The plain one (no lettering) was chosen. This view is still too small. It is exact size of trimmed sepia + should be 1/4 in longer.

LIST OF DRAWINGS
sent Doubleday, Page & Co., for reproduction,
June 22, 1900.

By Mrs. Keeler.

1. Lynn Canal.
2. Summit of White Pass; Customs Flags of two nations.
3. Homer.
4. Rock Headland, Kadiak Harbor.
5. Camp, Heather Island.
6. Boat Party off for Columbia Glacier.
7. Seal Hunters' Camp, Yakutat Bay.
8. " " " " "
9. " " " " "
10. " " " Glacier Bay.
11. Balanced Rock, Muir Glacier.
12. Rock at Sea.
13. Inside Passage, forested shores.
14. Part of Frame of House, Alert Bay.
15. Totem Pole, Alert Bay.
16. Profile of Bryn Mawr Glacier.

By Fuertes.

17. Albatross flying.
18. Jaegers in air.

By Ramsdell.

19. Mermaid and Seal (tail piece)

By Geological Survey.

20. Map of Yakutat Bay.

By Baldwin (from photographs).

21. Sealers, Pribilof Islands.
22. Girl Water Carriers, Pribilof Islands.
23. Native Women, Alert Bay.
24. Bear House-Totem, Deserted Village.
25. Eagle " " "
26. Totem at Wrangell.
27. Grave and Totem, Wrangell.
28. Muir Glacier.
29. Ship at anchor near Muir Glacier.
30. Giant Iceberg, Glacier Bay.
31. Party in Camp on Muir Glacier.
32. Mt. Saint Elias.
33. Railroad, Summit of White Pass.
34. Sled-load of Grain, White Pass.
35. Tracy Arm, Holkham Bay.
36. Lynn Canal, looking down on Skagway.
37. Multonomah Falls, Oregon.
38. Latourelle Falls.
39. Green River Butte, Wyoming.
40. Veniamenoff.
41. Baranoff.
42. Wrangell.

L-208
M-231

June 23, 1900.

Dear Stanley-Brown:

Your letter of the 22d arrived this morning. As Grinnell had gone before your previcus letter reached me, I was unable to confer with Him respecting the points raised. I told him, however, that the Indian material had been sent to the New York Zoo, where the house and totem-pole are to be erected. I imagine, therefore, that they are at present in charge of W. T. Hornaday, superintendent of the Park. Grinnell has gone to Montana, to be absent until about the middle of August.

It does not seem to me necessary to photograph the whole of this material. What I particularly wanted was the beautiful mask and one or two other articles I saw at Mr. Harriman's house, where I suppose they still are. We have no picture of an oil-box. I believe there were one or two in this collection. If so, photographs of them would be useful, although not absolutely necessary. It would also be a good thing to have a cut of the curious wooden idol we found in one of the deserted houses; this is undoubtedly at the Zoo.

If you could conveniently see Mr. Hornaday you could probably select the most desirable objects and arrange with Hornaday to have them photographed.

I have just sent Doubleday, Page & Co. 42 additional line drawings for reproduction for the text. This will enable us to go ahead with the typesetting.

Very truly yours,

C. Hart Merriam -

J. Stanley-Brown, Esq.,
120 Broadway, New York.

L-196
M-369

June 23, 1900.

My dear Grinnell:

In going over your manuscript again I do not feel quite sure about the correction of the "Hoxhog" business. In the original manuscript it stood "Ho X hog." As near as I can make out you have changed it to "Hoxhog,"--in one word. Is this correct?

I have received part of the Fish Commission pictures and had prints made from them. Some of them did not come, owing to the fact that they were at the Smithsonian.

Stanley-Brown is muddled about having the photographs made. He does not know where the articles "are at." I have just written him that they are in the New York Zoo, all except such as the Harrimans may have retained for personal use.

Wishing you a pleasant and profitable trip, I remain, with best wishes, in which Mrs. Merriam joins,

Very truly yours,

C. Hart Merriam -

Dr. Geo. Bird Grinnell,
Browning, Montana.

June 23, 1900.

Messrs. Eaton, May & Robbins,

Lee, Massachusetts.

Dear Sirs:

Some time ago I wrote you asking if you knew anything about a half-tone paper which is a good rag-stock paper and will not deteriorate with age. Not having had any reply, I suppose you were unable to supply such a paper.

Just now I should like to know if you manufacture a good rag-stock rough finish book paper which will take line cuts (not half-tones) kindly. If so, I should be very glad to receive a few samples. By "rough finish" I do not mean very rough. Wove and laid papers might answer, but I do not want a calendered paper. Do you consider it necessary to use a calendered paper in order to obtain good results in printing line cuts in the text where good ink, a good press and careful printing are used?

Respectfully,

C. B. Thurber

June 25, 1900.

L-209
L-220
N-

Mr. S. A. Everitt,

Doubleday, Page & Co., New York.

Dear Sir:

In compliance with your request, I have sent you to-day by express 20 photogravures of which I have no duplicates. The corrections are indicated on the proofs. Hereafter, suppose you insist on two proofs, of which I can retain one and return the other for correction. Some of the proofs submitted in the last two batches should never have been sent to me at all. They are so poor that any one might have rejected them. Apparently we are not getting anything like so good results now as we had at first when Elson and Andrews did the work.

In reply to your letter of the 19th inst., I will endeavor a little later to see if I have the Curtis prints to match the three positives you have which bear no numbers.

In reply to your letter of the 23d inst., this day received, I would state that inasmuch as you have all of my original negatives, it is out of the question for me to have any prints made to send you. I would suggest that the reproducer who has them make his own prints, and also that he make positives and return the negatives to me at once.

Very truly yours,

C. Hart Merriam

June 25, 1900.

L-135
N-285

My dear Keeler:

Very many thanks for the last batch of drawings Mrs. Keeler was kind enough to send. Of these I have accepted all but one, the one in question being 'Muir Cabin,' which is not quite what we want. I will return it in a few days, and with it the two wash drawings which we could not use. Of course you can use all of the drawings we have returned, and also a number of photographs, if you so desire, in connection with any article you may send to the magazines. I should think there would be a ready sale for such an article as you have written, and that you would have to make very few changes in it.

Herewith I am returning the totem-pole Mrs. Keeler made at my request as an initial letter. Unfortunately I now find that we have no heading which will admit of its use as an initial letter, therefore I shall be obliged if Mrs. Keeler will kindly add a little grass at the base. I can then insert it as an independent totem-pole in the body of the text.

I would give a great deal just now if Mrs. Keeler were accessible, so I could secure her artistic services in making up certain pictures from a variety of imperfect photographs.

With kindest regards to you both, I remain,

Very truly yours,

C. Hart Merriam

Enclosure.

Mr. Charles Keeler,
Ridge Road & Highland Place,
Berkeley, Calif.

L-158
A-250

WASHINGTON, D. C.,
June 28, 1900.

My dear Coe:

On returning to the city after a brief absence I find your manuscript and plates on the Nemerteans awaiting attention. I am having the manuscript typewritten, and as soon as it is done will send to you for comparison and correction.

The bill you enclose had better be made in the name of E. H. Harriman, instead of in your name. It should then be sent to me, and I will OK it and forward it to Mr. Harriman for payment. Verrill can then reimburse you.

Now about the plates, of which there are seven: It seems to me that nearly all of these plates are much too large for the small amount of reduction required; in other words, that you have not pasted enough of them on a plate --the reduction indicated being in some cases trivial.

You are mistaken about the cost of heliotype plates. These cost from $30 to $35 each, while photo-lithograph plates cost less than one-third this amount. I shall have yours reproduced by photo-lith, as in the case of Ritter's and numerous others.

Very truly yours,

E. Hart Harriman

Prof. Wesley R. Coe,
Sheffield Biological Laboratory,
New Haven, Conn.

WASHINGTON, D. C.,
June 28, 1900.

L-199
A-244

Dear Fuertes:

Another package of proofs arrived this noon, and I have already shipped them to you by express, along with the originals. This lot comprises the Longspur, Hummers, Jeagers on the wing, Jeager's head, and Golden-Crowned Sparrow--five in all. Unfortunately, the Jeagers in air have been reproduced too big for the size of our page, hence I fear a new plate will have to be made. The plate should not exceed 7, or at most 7 1-2 inches, in greatest length, while this one is nearly 9 inches.

Please criticise these plates freely, mark your corrections on one of the copies (I have sent you two copies of each, keeping one for myself), and return direct to Doubleday, Page & Co., as usual. It seems to me the reproducers have done very well on the whole, for first proofs, although they have taken a good deal of liberty with the sky in one or two instances. By the way, how do you like the blue background for the flying Jeagers?

Very truly yours,

E. Hart Harriman

L. A. Fuertes, Esq.,
Ithaca, New York.

WASHINGTON, D. C.,
June 28, 1900.

L-155
M-947

Mr. Bernhard Meisel,
Boston, Massachusetts.

Dear Sir:

Since I wrote you with respect to the six plates of worms I sent you some time ago, you have been authorized by our publishers, Doubleday, Page & Co., to go ahead with the work and submit proofs at your earliest convenience. I hope it will be possible for you to do this at a much earlier date than indicated in your letter to me. I shall be obliged if you will kindly inform me when you can let us have these proofs, and how soon after they are returned to you you can let us have the entire edition.

If it did not take you so long to do this work I could give you a great deal more of it, but it is out of the question for us to wait so many months for the plates.

Respectfully,

C. Hart Merriam

L-215
N-230

WASHINGTON, D. C.,
June 28, 1900.

Mr. S. A. Everitt,
Doubleday, Page & Co.,
New York.

Dear Sir:

Your letters of the 26th and 27th inst. are at hand, together with the originals and first proofs of five more of the bird plates, namely, The Jeager's head, Jaegers on wing, Hummingbird, Lapland Longspur, and Golden-crowned Sparrow. I have retained one set of these proofs, and have sent the remaining two, with the originals, to Fuertes by express, and have written him asking him to mark the necessary corrections and return to you direct, to save time.

It seems necessary to say a word about the number of proofs submitted, as there seems to be some misunderstanding with respect to this matter. In a previous letter, when speaking of photogravures, you complained that 8 proofs was too large a number and would injure the face of the copper plate. I do not think that I ever asked for eight photogravure proofs, but simply for two or three, in order that I may retain one, send one to Mrs. Harriman, and mark the third for corrections and return to you. If it is impracticable to send three proofs I must have at least two, so that I can keep one constantly on hand; otherwise, I am continually hindered and annoyed by the absence of the illustrations which I am obliged to fit into the text of a number of different writers. You must bear in mind that I

now have in hand the completed manuscripts of Burroughs, Muir, Keeler, Dall, Gannett, and Grinnell, on all of which I am at work every day. You must also remember that it is necessary to illustrate all of these papers, and that several of them describe the same or similar subjects, so that the selection and distribution of the illustrations is a very serious matter and is by no means completed. You can see, therefore, that it is of the utmost importance for me to have a copy of each illustration in hand all the time.

In the case of the bird paintings, Mr. Lanier and I agreed that 8 was the proper number of proofs of each to be submitted--one for Mrs. Harriman, one for your firm to keep, one for my permanent file, one to be marked for corrections, and four to be retained by the artist, Fuertes, who furnishes the use of these paintings free of cost and is certainly entitled to be gratified in his desire for four proofs of each. This was agreed to long ago by Mr. Lanier and myself, and I should like to have it carried out.

In the case of the Jaegers on the wing, a serious blunder has been made in the size of the reproduction. Instead of being 7 or 7 1-2 inches in length it is nearly 9 inches.

A similar but less extreme mistake was made in the case of Gifford's painting of Mt. Iliamna, which is too long for our page.

How about the return of my negatives which were sent you six weeks ago? Surely the photogravure people have had plenty of time to make positives suitable for their work. Mr. Harriman, as I wrote before, is impatient to complete an album he is having made of certain photographs taken by the Expedition. This album is being made

3--S.H.H.

by Curtis at Seattle, and he has now finished all but the ten of my negatives of which I sent you a memorandum in a recent letter. I hope you will see that these negatives are returned to me at once.

With respect to the three Curtis positives which were unnumbered but which should be Nos. 187, 315, and 367, I fear it will be impossible to straighten the matter out until you send me either the positives themselves or reverse prints made therefrom--whichever is easiest for you. The descriptions which you say Mr. Lanier wrote on the envelopes containing these positives do not tally with my memoranda of the photographs.

Very truly yours,

E. Hart Harriman

WASHINGTON, D. C.,
June 28, 1900.

L-192
N-

My dear Mrs. Chapman:

Pardon my delay in acknowledging the colored photographs you sent back about a week ago. They came just before I left for New York, and I have not had time to attend to them until to-day. Like the first lot, they are excellent, several of them particularly beautiful, and I am greatly obliged for the pains you have bestowed upon them.

Will you not kindly send me a bill for all the work you have done on the two batches of photographs, making the same out in the name of E. H. Harriman? I shall be obliged if you will do this at once, as I am anxious to get all outstanding accounts closed as near as possible to July 1.

Very truly yours,

E. Hart Harriman

Mrs. M. A. Chapman,
157 West 84th st., New York City.

WASHINGTON, D. C.,
June 28, 1900.

L-198
N-277

Dear Curtis:

Among your photographs taken at Sitka is one of the house of Chief Annahoots. The front of the house shows a big carved or painted board or placard. I shall be obliged if you will kindly enlarge this carved board to fill a 5 x 7 or 8 x 10 plate, and send me a couple of ~~proof~~ blue prints and an ordinary print of the same, and charge to the Expedition account as usual.

I am daily expecting the return of my negatives from the photogravure men. As soon as received they will be forwarded to you at once.

Very truly yours,

C. Hart Merriam

Mr. E. S. Curtis,
Seattle, Wash.

WASHINGTON, D. C.,
June 28, 1900.

L-193
71-

My dear Mr. Muir;

A recent absence from the city has delayed me in acknowledging the receipt of your long looked-for manuscript and in replying to your kind letters. The paper is good and we are very glad to have it. My only regret is that you did not make it longer, so as to include the interesting story of your early explorations. I am now reading it carefully, and selecting as many illustrations as possible to go with it.

I am very glad to know that you have got rid of the grippe, and am not surprised that you are still panting for the wilderness. I hope to get off late in July and to spend at least a month in the Sierra. Of course I shall hunt you up, and I hope it will be possible for you to go with me into the mountains.

I note your request to remember to my father. Unhappily he died in February. I enclose herewith one of his photographs, which I am sure both you and Mrs. Muir will be glad to see.

With best wishes, and many thanks for the manuscript,

Very truly yours,

Theodore Roosevelt

Mr. John Muir,
Martinez, Calif.

L-191
N.

WASHINGTON, D. C.,
June 30, 1900.

My dear Palache:

Many thanks for your letter of the 24th inst., which I find on returning from the meeting of the American Association in New York. I am glad to know that you now have the sections and that your report will be ready in the fall.

The H. A. E. album will probably be ready for distribution in about a month. I believe I am indirectly responsible for its delay, as a number of my negatives from which prints are needed are in the hands of photogravure men who are executing the plates for the printed report. The album contains fully 200 photographs, and will be a very handsome addition to the bric-a-brac possessed by the lucky members of the H. A. E. It might be added that the labor of securing and selecting the photographs for this album involved about three months' hard work on the part of the chairman of the committee, G. K. Gilbert, and that it is passing strange how difficult it proved to secure prints from the negatives taken by various members of the Expedition. Certainly less than half the cameras responded to the letter requesting prints. Nevertheless, 'all's well that ends well,' and I am sure you will agree with me that the album as it stands is a great success.

Now about Stepovak Bay. This is the large bay from which the indentation on which you camped extends. Stepovak Bay is on all the maps, but Chicago or Chicagoff Bay is not on any map I have been able

2--Prof.C.P.

to find.

I am very glad that you succeeded in getting married, and that your wife is not tired of you yet. Please give her my best regards.

With best wishes,

Very truly yours,

C. Hart Merriam

Prof. Charles Palache,
East Wolflors, N. H.

If you were within reach I'd trouble you daily about publication matters, & beg & wheedle on you a bit; but as it is I am under a wide pressure I have to act alone & act quick, & usually act about 8 hours a day on the whole work alone.

The illustrations require the time & brains of one person all the time. They are simply endless, and the number of questions that arise in connection with their reproduction fearfully baffle. Then the text — but I guess I'd better not say anything about that! ever

WASHINGTON, D. C.,
June 30, 1900.

L-200
N-

Dear Fernow:

What has become of you? I stepped in your tracks at the A. A. A. S. meeting in New York Tuesday, but you proved so much like the Alaska bears that I was unable to catch up with you. As you said in your letter of the 20th that you would see me in Washington on the 28th, I came back from New York on the night of the 27th, and have been looking for you ever since, but our beds remain vacant and your seat at the table is not filled. I trust nothing unfortunate occurred to keep you away.

I have noted your memoranda about the photographs, and will do the best I can to illustrate your paper satisfactorily.

With best wishes to Mrs. Fernow and the other members of your family,

Very truly yours,

C. Hart Merriam

Dr. Bernhard E. Fernow,
Ithaca, New York.

WASHINGTON, D. C.,
June 30, 1900.

L-200
N.-

Dear Fernow:

What has become of you? I stepped in your tracks at the A. A. A. S. meeting in New York Tuesday, but you proved so much like the Alaska bears that I was unable to catch up with you. As you said in your letter of the 20th that you would see me in Washington on the 28th, I came back from New York on the night of the 27th, and have been looking for you ever since, but our beds remain vacant and your seat at the table is not filled. I trust nothing unfortunate occurred to keep you away.

I have noted your memoranda about the photographs, and will do the best I can to illustrate your paper satisfactorily.

With best wishes to Mrs. Fernow and the other members of your family,

Very truly yours,

C. Hart Merriam

Dr. Bernhard E. Fernow,
Ithaca, New York.

L-220
H-

WASHINGTON, D. C.,
July 2, 1900.

S. A. Everitt, Esq.,
Doubleday, Page & Co.,
34 Union Square, New York.

Dear Sir:

This morning I sent you by mail seven additional line drawings for reproduction, as follows:

1. Sage-brush plain.
2. Sitka Russian barracks.
3. Sitka Greek church.
4. Wrangell totem.
5. Serpentine glacier.
6. Barabara, Unalaska.
7. Cormorants.

I shall be glad to see proofs of these along with those of the last batch, as early as practicable.

How long before you expect to have the first signature of Burroughs' manuscript in type? When are my negatives likely to be returned? Have you any encouraging news from the various reproducers who have our work in hand? It seems to me that the color lithographers are particularly slow. There are still additional colored plates which I am holding until we see who does the best work on those now in hand.

When is Mr. Lanier expected back?

Very truly yours,

E. Hart Harriman

WASHINGTON, D. C.,
July 2, 1900.

L-212
H-256

Dear Stanley-Brown:

I enclose herewith a batch of bills, carrying my part of the work down to July 1. The bill for photographic prints includes all I have had made (except those made by Curtis) since last November.

By having the blue prints made from my own and borrowed negatives, and having drawings made by Baldwin on the actual blue prints, I have reduced the average cost of his work from $8 to $4; and by having Mrs. Keeler do the free-hand drawing instead of the New York artists, we have reduced the price of each from $20 to $6, and since we have accepted in all 50 or more of Mrs. Keeler's drawings, we have saved on this item alone more than $700.

In striving to obtain a few colored photographs which we could use in the book, I have, as you know, had samples colored by five or six different colorists--with, on the whole, not very gratifying success. Mrs. Mindeleff, who was recommended from several quarters, did four a short time ago, for which she charged $5, which I paid; her bill you will observe is receipted. Verrill's bill for $40.50 is for finishing and retouching Coe's drawings of Nemerteans. Coe did the foundation work himself. I am not sure as to whether Mr. Harriman cares to pay bills of this kind, but since Coe sent it to me with the question I will transmit the same to you. This much can be said of Coe's colored plates, which we have put in the hands of Meisel of Boston, for reproduction: they are the finest plates of their kind

2--J.S-B.

ever done in America.

We have now nearly enough line drawings for the first volume. The others that remain to be made are mainly combinations from photographs, and are so difficult that I fear no one here can handle them, and I cannot write Mrs. Keeler with sufficient detail to have them done by her at long range. If she were only on this side of the continent where she could do the work under your eye or mine, it could be finished in short order. As it is, I hardly know which way to turn to get the final work done. Our men here are simply draughtsmen, nothing more. Their work lacks force and character. Most of it looks flat.

Very truly yours,

C. Hart Merriam

Mr. J. Stanley-Brown,
120 Broadway, New York.

Enclosures.

WASHINGTON, D. C.,
July 2, 1900.

L-167
M-

My dear Mr. Johnson:

Your letter enclosing the last instalment of Burroughs' Century manuscript is before me. I have read the manuscript, and with a few slight corrections return the same herewith.

Very truly yours,

C. Hart Merriam

Mr. R. U. Johnson,
The Century Magazine,
Union Square, New York.

Enclosure.

h-168
N-24r

WASHINGTON, D. C.,
July 5, 1900.

Dear Mr. Lanier:

Your letter of the 3d inst. has just reached me, and I am very glad to know that you are back to take personal charge of the work again.

Mr. Everitt was mistaken in thinking I had stopped the New Era people from setting the Burroughs manuscript. My only remarks to any one on this subject, so far as I remember, were in a letter to Mr. Page, in which I expressed the opinion that it would be unwise to put any large quantity of matter in type until we had the illustrations ready to go in the text, so that the matter might not be held in galley proof indefinitely. This matter of the illustrations has been indescribably tedious and difficult owing to the very large number of text drawings desired and the limitations of the artists at command. I have now sent to your concern several batches of drawings, and have received one lot of proofs since you went away. Proofs from two additional lots of drawings will probably come to hand directly. Among the last to be secured were the much-desired and long-sought-for Green River Butte and a good picture of a sagebrush plain.

I think we now have everything necessary up to Glacier Bay, and nearly everything as far as Yakutat Bay.

I have in my possession the manuscripts of Muir, Dall, Keeler, Gannett, Grinnell, and Fernow, but have not entirely finished with

2--W.H.L.

any of them. Besides, it is very necessary, as you of course appreciate, for me to have in hand all the time a complete copy of all the manuscripts and also of all the illustrations. Unfortunately, owing to various demands--particularly those of the photogravure people--this has proved impossible, and has handicapped me in many ways. I cannot understand the mental obscurity of the man who knows anything about glass negatives and positives who cannot tell which is the right and which is the wrong side. If a man is given a positive and told that it is such, he has only to look at the glass plate to see which side the film is on. He then knows, of course, that a straight print gives him a negative, and that a reverse print gives him a positive picture which is the same as the ordinary photograph, only prints made from reverse positives are not so sharp of course as those made from negatives, or as negatives made from positives. The truth is, of course, that the photogravure man does not want to bother to make prints and therefore wants me to make them for him.

In the case of the nine Curtis photographs wanted by Elson which you ask for, namely, Nos.195, 236, 300, 325, 332, 352, 371, 376, and 447-E, I am sending them to you herewith--under protest, as I have no duplicates and consequently will be embarrassed over and over again while they are gone, for I cannot carry the pictures in my head from the numbers. I have been annoyed in this way possibly more than in any other since I was so foolish as to take this work in hand, as I am constantly needing a complete set of photographs, but for one reason or another never have a complete set at hand. Of prints from my own photographs I have one complete set, pasted in a book, but I

cannot tear these out to send Gilbo to save him the trouble of making prints from my negatives, which he now has and has had for a long time past. I have come to the conclusion that Gilbo is an old humbug; at all events, I am heartily sick and tired of him and his work. I think he has pulled the wool over your eyes until you fail to see the truth. I have rejected a number of his photogravures as utterly unfit for use in a book of this kind, and have requested that new photogravures be made. Instead of this, I am furnished with a second set of poor proofs, the same as before. I have not time to bicker with people of this sort. I have put, as you know, from four to eight hours a day on this work for the past eight months, for which I receive no compensation, and I think you will admit that it is rather 'rubbing it in' to ask me to throw away time as I have been doing, and as I am now asked to continue doing, in the matter of these poor photogravures. In the case of the rejected ones, why were they not made over, and made over as directed, and of the size stated, as in the case of Plover Bay, Siberia? The new proof sent me of this is exactly like the first one, except that it is a very slightly darker print. Some one has written across the bottom, "Original wanted." If my prints are referred to, they were returned with the proof, mounted on one card plate, with directions for reproduction, which directions were not followed. As this card plate is either in your hands or in Gilbo's hands, I cannot very well return it again.

In the case of Pavlof, I marked on the photogravure what should be included and what omitted, and requested that another plate be made. Instead of that, this proof with my corrections is thrown back

in my face and I am asked for another original and told that a print is wanted. Inasmuch as three negatives were sent so that the photogravure man might select the one which would give the best result, and inasmuch as he can make as many prints as he wants from these negatives, and I can make none, this kind of reiterated nonsense is becoming wearisome at my end of the line.

In the case of Mt. Fairweather, the first proof was rejected and a new plate was requested. Instead of making a new plate, they send me another proof of this same one.

In the case of Yale Glacier they have replaced a white blotch in the water by a blackish one, and have submitted a slightly darker print, which is an improvement on the first proof, though by no means so sharp a picture as the photograph.

In the case of Glacier Bay, the new proof is a vast improvement over the old one, but I do not understand what you mean by spots on the mountains and in the sky of the original photograph. I do not see any spots on the photographic print which you returned, and which I again send back with the photogravure. Very few negatives are sufficiently good throughout to produce perfect photogravures without a certain amount of retouching, and working over the photogravure plate. It was in this retouching that Elson, Andrews, and the Photo-Chrome Company succeeded so well and in which Gilbo seems to fail--either from inability or disinclination, I do not know which. Instead of striving to get the best possible result from each negative, Gilbo seems to want to force us to take his first attempt, whether good, bad, or indifferent. I should fire such a man without further annoyance, and give the work to some one who is willing to get the best

that can be had out of each negative. I regret exceedingly that he ever got hold of any of my negatives, particularly as he seems determined to keep them, greatly to the annoyance of Mr. Harriman and Curtis, who want them for the album, as I have written Mr. Everitt over and over again. If Gilbo had any disposition to do the right thing he would have made positives from these negatives long ago, so as to liberate the negatives.

I am not sure about the sizes you mention for photogravures including plate-marks, as the plate-marks on all the first proofs are set out so far that I can form no definite idea as to how the pictures will look when they are in close.

The black-and-white drawing of puffins by Fuertes, which you returned, and which I re-enclose in the package I am now sending, is intended for reproduction by ordinary black-and-white lithography, the same as in the case of the Jaegers on the wing. It will make a beautiful plate.

The photogravure plates which I reject absolutely as unfit for the book are Plover Bay, Pavlof, and Mt. Fairweather. In the case of the Plover Bay plate, the individual pictures should be enlarged in length, as stated in my last letter to Mr. Everitt.

The impossibility of getting this book matter into shape to leave has kept me here much after the time I should have been in the field in California, and I am anxious to get away. No less than six of the articles for the first volume(namely, those by Burroughs, Muir, Grinnell, Keeler, Gannett, and Fernow) treat of some of the same objects in such manner as to require illustration. This greatly increases the difficulty of arranging the illustrations, both text

figures and full page plates, for the book, and I think you can easily appreciate that it is impossible for me to finish this job of arranging the illustrations until I have proofs or originals of all of them in hand AT THE SAME TIME, and also with all of the manuscripts before me. The obstacles in the way seem almost insuperable.

I have just received from Fuertes, and pass on to you in the package I am now sending, a new drawing of the Golden-crowned Sparrow. This seems to me unfortunate. I liked the original drawing very much, and supposed the reproduction could be corrected so as to prove satisfactory, but Fuertes evidently feels otherwise.

I regret exceedingly to pour out this string of complaint in your ears, but I think you have the work sufficiently in hand yourself to appreciate the extreme difficulties of my position and how I am continually hindered day after day by my inability to have before me at one time the necessary illustrations. You understand also, I think, that except by accident I have no duplicate series of photographic prints and that I have no allotment or fund out of which to pay for the getting up of such duplicate series. If I ever have the misfortune to undertake a job of this kind again, I shall begin by securing two or three complete sets of all the photographs and paste them solidly into books so that they cannot possibly be borrowed. I need one set arranged by numbers and another set by subjects, and they should be chained down so that none of them could possibly get away.

Very truly yours,

E. Hart Harriman

Mr. W. H. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

L-120
N.

WASHINGTON, D. C.,
July 6, 1900.

Gatchel & Manning,

33 South Sixth st., Philadelphia, Pa.

Dear Sirs:

Your letter of the 3d inst. received, together with the new engravings and proofs. Most of these proofs are a long way from satisfactory, and several of them are returned herewith. Many of the letters and numerals fail to show up and they give a poor enough result on your sized paper, and fail utterly on plain wove and laid paper such as we use. It is of course impossible for us to use a cut which on the paper we employ will give only a blur. In the largest picture please notice the foreground. The stippling on the bottom part of this illustration is evidently too close for the reduction. Can you thin it out sufficiently, or deepen your engraving so as to enable us to get a respectable print from it on unsized paper?

In figure 2, the lettering in the body of the diagram was put on by the draughtsman after the dotting, and as a consequence is illegible. I did not observe this before sending it to you. Can you clean out the dotting and leave the lettering clear, or is it necessary to make a new engraving? I have partly cleared up the original tracing. You will observe that some of the letters along the top of this cut failed to show in the reproduction. I am returning the originals and engravings that require clearing up or making over. One of them, you will observe (figure 4) is reduced too small for the

lettering. Please make a new cut, and make it five inches long instead of four. Please keep all the originals clean and return to me with the new cuts.

At your request I enclose two of the skull cuts which were not properly cleaned up; the rest of this batch I have sent away. It seems to me that your line engravings are getting to be almost as bad as half-tones. They have so little depth that they cannot be used except on glazed paper--a paper we never use.

The concluding remark in your last letter, in which you trust that these horrible engravings are 'entirely satisfactory,' is equivalent to expressing the hope that I am so stupid I cannot tell a good cut from a poor one.

Respectfully,

C. Hart Merriam -

2 enclosures.

( )

List 7 negatives

For list sent May 16 see p. 154

9 Curtis photos July 5

Nos. 195, 236, 300, 325, 332, 352, 371, 376, 447 &

1-234
246
11-

July 6, 1900.

Dear Mr. Lanier:

Your letter of the 5th inst. is at hand.

In compliance with your request, I have just written the New Era people to start right in with the Burroughs manuscript. If you will look at your copy-books for the letter written them by Mr. Everitt on June 12 I think you will understand the whole matter, particularly after receipt of the letter I wrote you yesterday. I have not written the publishers at all concerning this matter, and, as I explained yesterday, my advice to Mr. Page not to have too much type set right away was in order to give us time to have the text drawings made; otherwise we would be holding a quantity of type in galley proof which we could not possibly liberate.

I am very much disturbed by your statement that you have not yet received the line drawings I sent you last. Possibly if you inquire among the various departments of your establishment you will find some one who has received the package. I addressed it to Doubleday, Page & Co., myself, but may have neglected to write Mr. Everitt's name on it. I mailed the package in the main post-office here on my way to office Monday morning, July 2, and hence it should have reached you before this. It contained seven line drawings, among them the sage-brush picture which comes in the very first part of the Burroughs narrative. Trusting to learn of their safe arrival, I remain,

Very truly yours

E. Hart Merriam

Mr. W. H. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

2--W.H.L.

Postscript. I have just discovered that I neglected to put the nine Curtis photographs asked for in the package of photogravures returned to you by express this morning. I will try to get them off this evening.

L-218
N-276

WASHINGTON, D. C.,
July 6, 1900.

Dear Fuertes:

Your letter of July 2 came a day or two ago, together with the new painting of the Golden-crown. The letter I have forwarded to Lanier in accordance with your wishes. This, as you say, is most unfortunate, as it causes a material delay and possibly some difficulty with the reproducer. I had hoped that the proof of the other picture could be so corrected and improved as to answer, as the original seemed to be excellent.

I am hoping for some additional proofs every day, and unless I hear from you to the effect that you have gone elsewhere, shall continue to send them to you at Ithaca as fast as received.

Thanking you for the great amount of trouble and pains you are taking with these birds for the book, I remain, with best wishes,

Very truly yours,

E. Hart Merriam

Mr. Louis Agassiz Fuertes,
Ithaca, New York.

WASHINGTON, D. C.,
July 6, 1900.

L-159
N-238

Mr. A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Doubleday, Page & Co. are very anxious to get the first volume of the Harriman Expedition reports into type, and I am no less anxious. We now have most of the text cuts ready for this volume, and I think can easily keep ahead of you. As I am going to California in two or three weeks, it is important to get as much of it as possible out of the way before I go, in order to avoid tremendous delays in sending proof back and forth across the continent. So I hope you will begin on the Burroughs manuscript at once.

Very truly yours,

E. Hart Merriam

L-24
255
N-

WASHINGTON, D. C.,
July 7, 1900.

Dear Mr. Lanier:

Many thanks for your kindness in wiring me that the lost drawings had turned up. This is a great relief.

I sent you last night the nine Curtis drawings wanted by Elson, and trust you will send them to him in spite of my remarks in a previous letter.

I am sending you to-day four colored photographs which I think we can afford to reproduce. You remember that I was struggling with the coloring of these photographs when you were first on here. Well, I have kept at it ever since, and have had duplicate prints of a dozen or more photographs colored by six different colorists. After they were all done I went in despair to Holmes and found him good enough to retouch for us the four I am sending herewith. These he says should give the cue to the lithographer, who being provided with uncolored prints of each should be able to turn out something good. It should be insisted that the lithographers must make their base from the original photograph--not from the colored copy in which much detail is lost; so I am sending you the best prints I have along with the colored ones, to be so disposed of as you deem will give us the best results. Personally, I am particularly pleased with the picture showing the Eskimo topeks at Plover Bay, Siberia.

Now that we have decided just which photographs we will attempt to reproduce in color, we have liberated those which we will not use and which I have been holding back. We are now ready to go ahead

2--H.W.L.

with the photogravures for the following numbers: Harriman negatives 98 and 121; Curtis negatives 200, 273, 291 and 307, prints of which I am sending herewith. You have probably received before this from Curtis through Stanley-Brown positives for all of these photographs. Can you not stir up the photogravure men and also the lithographers so that I may have a complete set of proofs as soon as possible? Unless they come very soon I do not see how I can complete the distribution of the illustrations through the various articles before I leave for California.

The colored photographs which I am sending to you herewith are as follows: [All of these except 376 are accompanied by good prints to serve as base. Of 376 I have no print at all.]

220--Scene in Glacier Bay
255--Seal-hunters' huts, Yakutat Bay
306--Tongue of Columbia Glacier projecting beyond forest
376--Eskimo topeks, Plover Bay, Siberia.

Very truly yours,

C. Hart Merriam.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

~~4 enclosures.~~

L-140
N-271

WASHINGTON, D. C.,
July 7, 1900.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

After a most protracted delay I am sending you by this mail a color sketch of the glacier picture of which you have already put the base on stone. The water in the copy I am sending you is by no means good, and you will doubtless be able to improve on it.

How are you getting on with the bear and with the other Harriman pictures? I am hoping to receive the rest of your proofs at an early date.

Very truly yours,

E. H. Harriman

WASHINGTON, D. C.,
July 7, 1900.

L N. 391.

Mr. Chas. C. Tegethoff,
120 Broadway, New York.

Dear Sir:

I am obliged for your letter of the 6th inst., transmitting checks in payment of bills for work done by Mrs. Mindeleff, Mrs. Keeler, A. B. Morrison, A. E. Verrill, W. F. Roberts, and A. H. Baldwin.

I enclose herewith receipted bills from Morrison, Roberts, and Baldwin, and will return the others as soon as received. Mrs. Mindeleff's receipted bill you already have.

Very truly yours,

E. H. Harriman

3 enclosures.

WASHINGTON, D. C.,
July 7, 1900.

My dear Coe:

I sent the enclosed bill to Mr. Harriman, and he has returned it with his check for the amount. Please get Verrill's signature to the receipt and return the same to me at once, and oblige,

Very truly yours,

E. Hart Merriam.

Dr. Wesley R. Coe,
Sheffield Biological Laboratory,
New Haven, Conn.

Enclosure.

WASHINGTON, D. C.,
July 7, 1900.

My dear Mrs. Keeler:

A few days ago I sent the accompanying bill for the last drawings, amounting to $96.00, to Mr. Harriman for payment. I have today received his check for this amount, payable to your order, and enclose the same to you at once. Kindly sign and return to me the enclosed receipt at your early convenience.

If you were only on this side of the continent instead of so far away, I should be very glad to have you make a few more drawings for us.

With kindest regards to you and Mr. Keeler, I remain,

Very truly yours,

C. Hart Merriam.

Mrs. Louise M. Keeler,
Highland Place & Ridgeroad,
Berkeley, Calif.

Enclosure.

525

July 9, 1900.

American Writing Paper Co.

Manchester, Conn.

Dear Sirs:

Replying to your letter of the 6th inst. just received, I would state that my inquiries as to a rag stock book paper which will take line cuts were in reference to a book of 4 or 5 volumes the first volume of which is intended to be put on the market in October, so that the printing must be done in August and September. I am not sure about the quantity needed as the exact size of the volumes has not been determined. So far as the material in hand indicates, the first volume (pages 7x10 inches) will comprise about 400 pages and will be published in an edition of 5,000 copies. The remaining volumes will be more technical and will be published in a smaller edition, possibly not more than 1,000 copies each. It is too early to determine this just at present.

What we want is a good rag stock paper, but not necessarily all rag. It might contain a reasonable percentage of sulphite, but must be free or nearly free from wood pulp and must not be filled or sized. Anything like a polished surface is objectionable, but I realize that the surface must be good in order to take line engravings satisfactorily, and a paper not quite so thick as your 'De Luxe' sample would be preferred. the finish on the two sides of the 'antique cut' differs greatly.

Very truly yours,

E. H. Harriman

253

July 9, 1900.

L-250
n-317

Dear Coe:

Your letter dated July 3 reached me today. Two or three days ago I sent you Mr. Harriman's check to Verrill, for the work done on the drawings, addressing the same to your former address--Sheffield Biological Laboratory at New Haven. If you have not arranged to have your mail forwarded, please take steps to secure this letter.

You had better arrange to swap checks with Verrill.

Very truly yours,

E. H. Harriman

Prof. Wesley R. Coe,

Woods Holl, Mass.

L-178
M-292

WASHINGTON, D. C.,
July 9, 1900.

My dear Ritter:

Thanks for yours of June 27, from Mendocino City--which is a curious place for you anyway! I wonder if you had time between tides to notice the remarkable flora of the plain three or four miles inland from Mendocino?

Your Pycnopodia manuscript, with its extraordinary title, arrived duly, and is now before me. You made a great mistake in not having a child--either a boy or a girl would do. I am sure either he or she would give you pointers about making up drawings for plates. I thought you had been editor long enough to know that a folding plate was the 'abomination of desolation' spoken of by the prophet Daniel. If you don't, it is time you did. However, by means of a hatchet and a small board I have been able to chop off the drawings from the backboards and have arranged them so as to make respectable plates. One slight embarrassment I encountered was the fact that the last figure on plate 1 bore the same number as the first figure on plate 2; in other words, there were two figure 8's representing widely different subjects. I found also one or two blank references to figures, which I have filled in. In such cases, any old number will do. I have sent the plates to the lithographer for reproduction, and if they are done in time will get this paper out before I go to California.

Before closing I want to congratulate you on that table of contents, and also on the rhythm and melody of your partner's name.

Yours,

C. Hart Merriam

Prof. W. E. Ritter,
University of California,
Berkeley, Calif.

WASHINGTON, D. C.,
July 9, 1900.

L-246
M-259

Dear Mr. Lanier:

Thanks for your letter of the 7th inst. The new proofs of Barry Glacier (140) and Davidson Glacier (47) have just arrived, and may be accepted I think. I was a little disappointed that the Barry Glacier, which is really very fine, did not show the clouds or fog of the original photograph. However, the picture is very effective as it is.

The sample of Hoen's paper for the lithographs which you enclose seems to me satisfactory. The other sample, while a good enough paper, has too much gloss to suit me for a text paper. I enclose herewith a sample of 'de luxe plate' made by the American Writing Paper Co., Manchester, Conn., one side of which has a fine surface for line cuts and at the same time is without the objectionable gloss. I do not mean that this paper is exactly what we want, for it is too thick, and finished on only one side, but it is an excellent paper and shows very well what we should be able to secure. I am sure the Peter Adams Paper Co. can furnish a similar paper without the gloss.

Can you tell me when my negatives are likely to be returned? I fear Curtis will leave Seattle for a trip to Montana and Arizona before they reach him, and Mr. Harriman is--as you know--in a great hurry for the completion of the album for which these negatives are needed.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 9, 1900.

L-231
2-8

Dear Stanley-Brown:

Thanks for your letter of the 7th, just received, and also for the series of checks which came a day or two ago. Mrs. Chapman's belated bill arrived this morning, and I am enclosing it herewith. This clears the decks to date, so far as I am concerned. The check might be sent direct to Mrs. Chapman at her New York address, which is 157 West 84th st.

Your enclosures are interesting if not amusing.

Have you received the final batch of positives from Curtis? I heard from him about ten days ago, to the effect that he would send them in a few days.

Lanier is a little balled up on the matter of the reason why the printers have not set up the text of Burroughs' article. He was away at the time the order was given to have the article put in type, but at that time we had hardly any of the text cuts. So I wrote Mr. Page that it seemed hardly profitable to set any large amount of type until the illustrations that were to go in the text had been drawn. He agreed with me in this, and gave some order to the printers, to 'go slow,' or something of the kind. As a matter of fact, it is hardly a week since I succeeded in securing the 'sage-brush plain' picture we wanted to go in the first few pages of the manuscript, and the proof of this drawing has not yet come to hand: so you can easily see how useless it would be to have a quantity of type held up waiting for these illustrations. As matters now stand, I have all of the drawings up to Yakutat Bay, except a small sketch which will be done day after tomorrow. From now on, I think we will be able to keep ahead of the printers.

2--J.S-B.

The fencing-in of a fiord (say a small one, only a thousand or two feet deep) is a great scheme and one that had not occurred to me before. Whom would you suggest as the most likely individual to drive a herd of sea-elephants up there from the south seas. Trusting that you will not fail to co-operate in this matter with the utmost possible alacrity and energy, I am, as always,

Yours,

C. Hart Merriam

P.S. Your enclosures are returned herewith.

J. Stanley-Brown, Esq.,
120 Broadway, New York.

Enclosures.

L-256
L-264

July 10, 1900.

Dear Stanley-Brown:

Your letter of the 9th inst. came today. By the same Mail I received a letter from Lanier stating that my negatives had just been received from Gilbo, the photogravure man, and would be sent me at once. His letter was dated yesterday, so they should arrive this evening or first thing in the morning. As soon as they come I will return to you for shipment to Curtis the ten remaining to complete the album set. No one regrets more than I do this unforeseen delay in releasing my negatives. On the 17th of June, now nearly a month ago, I wrote Everitt, of Doubleday, Page & Co., that we were in a great hurry to finish the album and needed my negatives at once. I gave him the numbers of the 10 negatives wanted for the album, and requested him to get them back from Gilbo. I also suggested that if he was not yet done with them he should make positives, thus liberating the negatives at once. The trouble seems to be that Gilbo is an obstinate cuss and has no intention of doing anything until he gets ready, and still less intention of putting himself to the trouble of making a positive when he once has the negative in his possession. However, there is an end to all things, and after almost daily letters on this subject for the past month it looks as if the negatives would reach me tomorrow and be in your hands a day later.

I have received today proofs of 42 more line text figures, most of which are very satisfactory--which is encouraging.

Very truly yours,

E. Hart Merriam

J. Stanley-Brown, Esq.,
120 Broadway, New York.

July 10, 1900.

L-255.
L-262

Dear Mr. Lanier:

Thanks for your letter of the 9th inst., just received, and for the batch of proofs of the line drawings, which arrived by express this afternoon. Most of these are fairly good, though nearly all of them show defects when examined critically. It may be possible part of the trouble is due to poor ink and careless printing. If your art editor only had time to compare the proofs critically with the drawings, he would doubtless have the defects remedied and at the same time save a lot of my time. If you could induce your photo-engraver to be a little more careful about keeping originals clean I should be obliged.

I am returning herewith seven of the originalsto be re-engraved. In four of these I made the mistake of marking for too small a reduction. The four in question are

Railroad station, summit of White Pass,
Camp on Muir Glacier,
Homer,
Totem-pole at Alert Bay.

The other originals returned are, Balanced rock on Muir Glacier, which has lost the upper left-hand corner, and the head and tail-pieces of Jaegers on the wing. If you will compare the proofs of the latter with the originals you will see that the black fails in several places--notably on the heads. They will come out more clearly, doubtless, if made slightly larger; so I have marked the drawing for 2 1-4 inches.

In the same package I am sending a painting of an orchid from

Alaska. As this painting is a trifle large for our page, I would suggest that the outer halo of buff be omitted. What do you think about this?

Is it not possible to get the remaining proofs of the colored plates from the several lithographers? I am still holding, as I have previously written, several of Fuertes' originals, in order to give us an opportunity to see who does the best work before giving them out.

The extra proofs of ten photogravures you mention have not yet arrived, but will doubtless come in the morning. The same is true of my negatives, on receipt of which there will be great 'rejoicing in Israel.' Mr. Harriman has just stirred me up about these through Stanley-Brown, informing me of what I have already known for a long time, and written you--that Curtis was hung up by his inability to get hold of my negatives.

Your suggestion that Andrew try his hand at one of the color photogravures from one of the four colored photographs sent you a few days ago, strikes me as admirable. If he succeeds it will be a fine thing.

By all means send me galley proof of Burroughs' article as fast as you get it, so that I can read at such odd times as I can spare and so that I shall not be too hurried in fitting in the text cuts, which as you know are very numerous and all of which require legends. You can send me the copy returned from Burroughs later. This will give me a little more time.

As to running headings, my idea would be to put the name of the author at the top of the left-hand page, a brief catch-title on the

right. Does this meet with your approval? I should put running heads in small caps, unless you incline to the contrary. The text cuts I will have to arrange in each instance to meet the requirements of the case.

Shall I return the proofs to you, or to the New Era people direct?

Very truly yours,

E. Hart Harriman.

Henry W. Lanier, Esq.,
Doubleday, Page & Co.,
34 Union Square, New York.

f-259
k-265

July 11, 1900.

Dear Mr. Lanier:

Thanks for yours of the 10th inst., just received.

Am I to infer that you are sending all of the colored photographs to Andrew for reproduction?

The box of negatives arrived this noon, for which I am devoutly thankful, and the duplicate proofs of photogravures came by the same delivery. In the express package concerning which I wrote you yesterday I sent you also the original drawing of the head of College Fiord, showing Bryn Mawr Glacier in profile on the left. The reproduction of this drawing brought out one or two defects in the original which I have had remedied. Please have a new engraving made to replace the old one.

In looking over the photogravures which have just arrived I notice the following points: In 'The Eskimo children' the boy has a blemish on the left cheek and another directly over his nose, and a black spot on his fur collar. In the plate comprising two views of the 'Interior Passage' the number 250 has not been successfully obliterated from the water. You will see it as a blemish on the lower left hand corner of the upper figure. On 'Bogoslof Volcano' the offset of the water from the sky-line on the left hand edge of the picture, to which I called attention on the first proof, has not been corrected, and the line of union or overlapping of the two negatives has not been obliterated. The plate needs a little careful working over. The 'Ice pack in Yakutat Bay' is badly marred by showing the 'blanket mark' on the surface of the ice. This of course

2--H.W.L.

it is very important to correct. This same 'blanket mark' shows in some of the other pictures. I trust that you will take means to prevent its perpetuation in the final prints. The picture of 'Kadiak village' is still painfully dim in the distance.

Of course you have had enough experience with photogravures to know that the edition does not run even, and you will have to detail some competent person to go over all of the prints from each plate, to throw out those which do not come up to the highest standard; otherwise every volume will contain some unsatisfactory prints.

Have you taken up the matter of the lettering for the photogravures? I can supply the legend on the first proof in those cases in which it was returned to me, thereby saving one copy of each. The name of the person who made the photograph should, I think, go on the left hand side of each plate, as an offset to the name of the man who makes the photogravure, which is on the right side. Would you put in small type 'from a photograph by Curtis,' or simply 'Curtis photo'?

Very truly yours,

E. S. Curtis

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

264

k-258
v-282

July 11, 1900.

Dear Stanley-Brown:

Thanks for your letter of the 10th inst.

I am very glad to know that the balance of Curtis positives have been received and turned over to Doubleday, Page & Co.

At noon today I received a package from Doubleday, Page & Co., supposed to contain my negatives. As I was leaving office at the time, I turned them over to Dr. Fisher with a memorandum of the numbers needed, and he agreed to send to you by the 2 o'clock express the ten negatives wanted by Curtis for the album. These should reach you not later than tomorrow morning.

Very truly yours,

J. Stanley-Brown, Esq.,
120 Broadway, New York.

f-26
273

WASHINGTON, D. C.,
July 12, 1900.

Dear Mr. Lanier:

Thanks for your letter of the 11th, just received. I am glad that you will scrutinize the reproductions more carefully hereafter, with a view to obtaining more satisfactory results. I incline to think that several more of the text cuts should be made a little larger. Will you not kindly look them over with this in mind?

The four galleys of Burroughs proof came today. I note the absence of the head-piece (the train of cars) with its attached initial letter. Its insertion here will upset the whole of the first paragraph, which is very long.

Had you not better send all of the blocks thus far approved, to the New Era Company at once, in order to avoid as far as possible re-running of type?

The galleys I now have take three text cuts, as follows: (1) the train head-piece; (2) Green River Butte; (3) the sage-brush plain--of which you have not yet sent me proof, as it was in the last batch of drawings I sent you. This will have to come before I can send the proof back. The photogravure of Shoshone Falls belongs here also. I am not quite clear as to how you disposed of this illustration. Has it been taken in hand? If I remember correctly, two photographs of the Falls, one from Mr. Harriman's best negative, the other from my best (No.10) were to go on one page. Is this correct?

PROOF. Let us get started right in this matter, to avoid difficulties farther along. It is now agreed, if I understand correctly, that as soon as set up one proof will be sent Burroughs with copy, and duplicate proofs to you and me. I shall read my proof carefully and with reference to any alterations Burroughs may make, and will place the text figures where they belong and insert the proper legends. I shall be obliged if you will have one of your expert proof readers read a set of the proof with special reference to spelling, spacing, and broken letters, and send the same ~~for~~ to me, so that I may incorporate his corrections with my own before returning to the New Era people.

I am much distressed about the color reproductions. I fear they are not coming out so well as we hoped and expected. One trouble with the Heliotype Co. is their everlasting slowness. They have now had a lot of work since the very beginning, and have submitted, if I am not mistaken, only two proofs, both of which were unsatisfactory. I refer to the Harlequin Duck, and head of the Eider. Revise proofs of these have not been received, although the first proofs were returned nearly two months ago. I have had the same difficulty with the Heliotype people again and again, and am having it just now in some work they are doing for the Washington Academy of Sciences. They promised to deliver the entire edition of six plates on June 10--more than a month ago--and I have not yet received final revise proofs. The Heliotype people do excellent work, though their work, like that of most other concerns, is not uniform; but they can never be depended on for a job where time is an object. In this respect they are a good deal like Meisel, who does better work than any one else in America I believe, but who is always behindhand. My own honest

3--H.W.L.

opinion is that we shall not get the plates out of the Heliotype Co. before Christmas, and for that matter the outlook as to time strikes me as most discouraging. I do not see how we are going to get the book out in October. We have as yet received only a small proportion of proofs of the colored plates, and I think less than half of the photogravures. If we make a fiar allowance for the time necessary to complete these and to make the necessary corrections and print the edition, particularly in the case of the colored plates, it hardly seems within the range of possibility that we can get the book out in the time planned. Furthermore, I cannot stay here all summer, as you know. I must go on with my field work in California. The text figures, in spite of the large amount of time I have given them daily for the past two months or more, are by no means all drawn, and some of them present unusual difficulties. If I remain here two weeks longer and continue to put six or eight hours a day on this book work I cannot hope to getfarther along than to see the whole of the Burroughs article in type with its proper text figures. The remainder of the proof for all the other articles would have to be sent to me in California, where I should have to place the figures, and so on. Furthermore, when I am in the field I shall not be accessible and do not expect to get mail oftener than once in two or three weeks--probably less often than this--as I shall be far away in the mountains and cannot send out for mail.

I have now most of the drawings for the articles by Burroughs, Muir, Fernow, Gannett, and Dall, and most of those for Grinnell's article on the natives, but none for his salmon article, the illustration of which presents many difficulties.

4--H.W.L.

If it still seems to you possible to get the book out in October, I am willing, as you know, to do everything I possibly can to that end, but if it is clearly out of the question there is no use in killing ourselves in a hopeless attempt, and we can certainly secure better illustrations if we can have a little more time. I suppose we could count on bringing it out in time for the Christmas trade. What do you think? If we take more time we might possibly get Meisel to do more of the colored plates. I have never seen a bird plate by him, but judging from his phenomenal success in other difficult subjects, would not be surprised if he outdid all the other lithographers. Certainly there will be no harm in trying him if we have time. It might be well also to try Julius Bien, of New York, although I once had a very unsatisfactory experience with him. Still the Bien concern knows how to do good work, and they have just brought out the finest lot of colored plates of fishes ever produced. Personally, I am not in favor of giving any more work to any of the lithographers who already have our work in hand, until we get their results. I have had some rather painful experiences in the past, resulting from the giving out of a lot of plates before I found out what each firm was actually going to do. They kept putting me off until finally the work had to go to press and I was obliged either to accept inferior plates or publish the book without the plates. Bien was one of the men who squeezed me hardest in this way, and I have never forgiven him. I believe it would be a good plan to put a time forfeit on all of the lithographers, particularly the Heliotype people, who are absolutely untrustworthy in this respect. They will promise anything and do nothing. I think a forfeit of $5 a day after a date

agreed upon, the amount of forfeit to be deducted from the bill, would have a salutary effect; at all events, I cannot think of any other way to bring these people to time.

I am very glad to know that you have finally received the remainder of the Curtis and Harriman positives. I will try to take up this matter this evening, and write you tomorrow concerning the remaining photogravures. Have you had any understanding with Mr. Harriman or Stanley-Brown as to the total number we are at liberty to use? I should dislike to be jumped on for incurring too great an expense without an authorization.

As to the three Curtis positives in your possession without numbers, I wrote Mr. Everitt some time ago that the only way I knew of to straighten them out was for you to send me either prints or the positives themselves, so that I can make sure what they are. They do not appear to tally with the remaining vacancies on my list of numbers.

I have written so much that I fear you will feel bewildered. Please let me ask you to give first consideration to the question of text figures, which must go back to the printer with the galley. I shall be greatly obliged if you will kindly go over all the proofs of the line cuts thus far made, with a view to having made over such as are not satisfactory. Undoubtedly a number will be improved by making a little larger. Four inches is too large, except in very extreme cases, as it does not make sufficient break in the breadth of the page between the text and cut, but I think we could afford to have a number 3 1-2 inches, and some of the very small ones (intended to be indented in the type bed) can be slightly enlarged to advantage.

While I deprecate the additional expense of having these made over, I still think it by far the better plan in case the result can be materially improved by so doing. In examining a large lot of drawings for reduction I always find it difficult to know just how to mark them, and some of them nearly always prove to be either too large or too small.

Very truly yours,

E. Hart Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

h-248
h-318

WASHINGTON, D. C.,
July 12, 1900.

Mr. A. B. Hoen,
Hoen Lithograph Co.,
Baltimore, Md.

My dear Sir:

I think I made a mistake in numbering the photo-lithograph plates of which you sent me proofs a few days ago. The numbers should be as follows: VII Histological plate, VIII Crabs, IX Fishes. If I gave you some other numbers, please change to these.

I am somewhat distressed about the colored plates you are making for the Harriman book. Do not send in any more proofs until the same are satisfactory to you. It will not take any more time in the end, and I am sure will be much better for all concerned if you are very particular and critical yourself, even if you have to re-proof several times before sending proofs to the publishers.

Very truly yours,

E. Hart Harriman

WASHINGTON, D. C.,
July 12, 1900.

L-50
h-301

Dear Professor Emerson:

Do you recognize the enclosed photograph, which is No.134 of Mr. Harriman's personal negatives? I cannot quite place the curious saddle-back mountain, but think it is somewhere along the base of the Alaska peninsula. Possibly your memory is a little sharper than mine on this subject.

With best wishes,

Very truly yours,

E. Hart Harriman

Prof. B. K. Emerson,
Amherst, Massachusetts.

f-265
f-278
n

WASHINGTON, D. C.,
July 13, 1900.

Dear Mr. Lanier:

Another batch of galley proof reached me this morning, making 12 galleys in all. This takes us as far as we have all of the text figures, and several for this early part are being made over; so there is not much use in getting much more matter in type until we have the rest of the cuts.

I received from you today by express proofs of the Chickadee, Harlequin Duck, and Eider's head, and have sent the same to Fuertes, requesting him to return direct to you. It seems to me that the chickadee and eider's head are fairly good, and with a little change in some of the tints will answer very well. The harlequin duck does not agree very closely with the copy, particularly in the chestnut on the head and flanks. The lithographer neglected to return the first proof with corrections indicated thereon.

In the same package I was very glad to find proofs of several new photogravures, most of which are excellent, although I do not like the greenish tints. The small pond on Heather Island is a foggy reproduction--perhaps intentionally. The original is sharp enough.

Some of the pictures have been retouched to their disadvantage. I refer particularly to the water of the cascades of Indian River, which, while making a very pretty picture, does not agree at all in detail with the water in the original photograph.

Andrew likes to have the objects in his pictures as big as possible, and therefore instead of reducing his pictures to the desired

size, trims off the original to fit the size of the reproduction. Sometimes this does no harm; at other times it mars the picture. For instance, if you compare his photogravure of 'Stranded icebergs' with the original, which I am sending in the package with a lot of other photographs, you will see that the additional foreground in the original makes it a more attractive picture than the reproduction. In the case of the Serpentine Glacier (292) a serious error has been committed. The tops of two snowy peaks have been left off, and the fog which obscures the crest of the range in the original has been taken away and the top of the range moulded to fit the place where the fog originally was. You may remember that this same thing was done in a previous negative. When the next ship visits Harriman Fiord with a copy of this book on board, they might be surprised--if the day happened to be clear--to see the mountains behind Serpentine Glacier reaching up several thousand feet higher than shown in our picture. Of course this will have to be fixed.

In the same package I am sending an additional batch of Curtis photographs, corresponding with the positives you now have for reproduction by photogravure. Some of these are for single plates, namely, Nos. 187, 315, 315-c, and 452. The others go two on a plate, as follows: 246 and 247, 360-c and 419, 390 and 405, 423 and 444, 212 and 213-c. I have marked most of the originals for reproduction and trimming. Enclosed herewith are five proofs of the text figures, which I think will be improved by a slight enlargement. The originals are in the package with the photographs, and go by express.

Please call the attention of the engraver to the fact that the drawing of Muir Glacier is patched, and that the engraving will need

3--H.W.L.

cleaning out along that line after it is made. He overlooked our memorandum to this effect on the original.

Do you think you are getting the best results attainable in the way of these line engravings? Would you not get much better pictures from C. L. Wright?

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 13, 1900.

L-244
M-333

Dear Fuertes:

Revise proofs and originals of the Harlequin Duck, King Eider, and Chickadees came today, and are forwarded to you herewith. Please return direct to Mr. Lanier, as heretofore, to save time.

We are getting ahead very slowly.

Very truly yours,

C. Hart Merriam

Mr. L. A. Fuertes,
Ithaca, New York.

The 1st proofs, with your corrections did not come, and as may mean. We must insist on having them returned.

3--H.W.L.

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We are getting ahead very slowly.

Very truly yours,

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Mr. L. A. Fuertes,
Ithaca, New York.

The 1st proofs, with your corrections did not come, and as they may be we must insist on having them returned.

Retake of Preceding Frame

L-224
N-313

WASHINGTON, D. C.,
July 14, 1900.

Dear Curtis:

Stanley-Brown and our New York publishers tell me that the last batch of positives forwarded by you arrived in good condition. One of them was broken after the package reached their hands. This is Harriman No.8, which I shall be obliged if you will replace.

Are you ready to return the negatives you have had for the album? If so, I wish you would do so as early as possible, as a number of them are wanted for the book. If for any reason you cannot return them at once, please send me positives of Gilbert's 313, 325, 333; Harriman's 8; Merriam's 10. Please send me also positives from the following Curtis negatives: 199, 226, 233; Also if possible your panorama of Columbia Glacier, which was mounted in the sample album just received by Gilbert. This we particularly want for the book, and I hope you can send me a good positive. You may have forgotten that you never sent the good prints you promised last winter of this picture. I have also failed to receive the two prints asked for of the vertical beaver totem, No.454--probably due to the irresponsibility of the Seattle postmaster.

Very truly yours,

C. Hart Merriam

Mr. E. S. Curtis,
Seattle, Wash.

WASHINGTON, D. C.,
July 14, 1900.

L-273
N-284

Dear Mr. Lanier:

Your letters of the 12th and 13th inst. arrived to-day. The seven proofs of line drawings also came today, and I am returning two of the originals to you herewith, to be made over a little smaller. On examining these critically, I find that a number of lines failed to reproduce. You certainly are not getting the best work for these line figures. I think both of these will look better if reduced about a quarter of an inch more than in the first proof, and have marked them accordingly.

The drawings of New Metlakahtla which you sent me were entirely satisfactory, only the originals were made very much too big for the reduction, and the reductions I think are a little big for our page. Please look at them and see what you think about it. I think the man who did them might do others for us to advantage if he does not put too high a price on his work. We have paid Mrs. Keeler, who has done the best work we have had, an average price of $6 each for her drawings. For the drawings made from blue prints, of which I have sent you about 40, we have paid an average price of $4 each. The drawings remaining to be done are in the main more difficult than those made heretofore, for the reason that most of them are combinations from two or more photographs, and the artist will need detailed instructions as to what to include and how to treat the subject. If your man will do them at a reasonable figure, I will select and send you some photographs at once.

2--H.W.L.

When you have time I wish you would look at the photogravure of Barry Glacier (my negative No.140). I think you have both first and second proofs. The first proof was exceedingly beautiful, but there was a serious error in it, due to the substitution of a clear sky for the fog which in the original photograph obscured the mountains completely above a certain height. The lower edge of this fog was shown nicely in the reproduction. I called attention to this in my letter to Mr. Everitt, and a second proof was rendered. In this second proof no attempt has been made to reproduce the delicate form and veil-like effect of the fog, but the area above the lower edge of the fog has been uniformly darkened. The more I look at the picture the less I like it in this new form. It certainly is very much less effective than the first proof, and if the fog were continued upward in the latter the picture would be simply sublime.

Now as to the lettering for the photogravures. The fly-leaf business may be a necessity to prevent the photogravures from soiling the text, in which case I should be in favor of it notwithstanding its bother and expense. But to print the legend on the fly-leaf seems to me a fleeting fad which ought not to be encouraged. Gilbo's photogravures are the only ones I have received with the plate mark closed in where it will remain in the edition. If you will look at these you will see that he has arranged them purposely for the legend --leaving in both the vertical and horizontal ones an extra broad space below the picture for the insertion of the legend. My idea would be to put the 'photographed by' in small type close up under the left corner of the picture, corresponding to the photogravure man's name under the right corner; then print the legend under the

3--H.W.L.

middle in moderate sized type and not too black. I think this will be in good taste and look very nicely. I should like to see it tried.

The bird proofs which you mention in your letter of the 12th reached me a day earlier than your letter, and I wrote you yesterday respecting them.

You are a funny fellow. In your letter of the 12th you tell me with tears in your eyes that your packer smashed the positive of Harriman's No.8. Then in your letter of the following day you tell me that if I will hurry up and send you either the negative or positive of Mr. Harriman's No.8, you will have the Shoshone Falls picture turned out promptly. Since Curtis has Harriman's negative No.8 and also my negative No.10, I fear we shall have to wait until he can make and ship us the positives, which will be probably about two weeks. The package of photographs you mention sending has not yet arrived, but will probably come Monday.

Since you mention this matter of careless packing in your office which resulted in the loss of positive No.8, perhaps you will pardon me for telling you that several of the packages I have received from you lately have not been packed with anything like the care that characterized former packages. Apparently they have been wrapped up exactly as you handed them to the clerk--usually print side up, to grind against the coarse pasteboard or outer wrapping paper, and in several instances with the corners folded over and badly bruised. Previous to a week or ten days ago all packages from your office were properly packed.

I agree with you entirely about the desirability of attaching proofs of the line drawings to the copy when we have them in time.

4--H.W.L.

This has been my practice for years. In the case of Burroughs' article I am attaching them to the proofs. Still another package of proof arrived today, bringing the matter down into Prince William Sound, and ending on galley 17. It certainly is not worth while to put any more in type until we get further along with the drawings. I am delighted to know that you will read the proof and send me your corrections and suggestions. Burroughs' corrections have not yet reached me.

The three unnumbered positives from Curtis have not reached me. They will probably come Monday, when I will identify and return them at once.

I will write Stanley-Brown, as you suggest, with respect to the desired increase in the number of photogravures.

The remaining colored plates in my hands are all by Fuertes. There are four of them if I remember rightly. Knight has not yet returned the fox, which he took to change the position of the foreleg.

Have you forgotten about the title-page? A little over a month ago you promised to send me another proof with the words 'narrative' and 'Burroughs' reversed as to size, and with some sort of a cut or vignette in the space intended for the same. Two corrections should be made in the names on this title-page. Dall's name is William Healey Dall--instead of Healy. Fernow's is Bernhard, instead of Bernard. It occurs to me that we might possibly select from our text cuts a small one that would look well on the title-page for the vignette. I am not quite clear as to what you intended to use.

Very truly yours,

E. Hart Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 14, 1900.

L-264
H-289

Dear Stanley-Brown:

We now have in the neighborhood of 50 photogravures in hand for the first volume. In reading over the text of the various articles I find that this number is entirely inadequate to illustrate the subjects. If agreeable to Mr. Harriman, we should have about 50 more --possibly not quite so many; but I would like to be authorized to select this number if so large a number proves desirable to fully illustrate the text. I think I have already selected at least 30 more.

In having so many photogravures made we are getting them at a rather low price. They will cost from $75 to $85 each, as near as I can figure the amount, for an edition of 5000 copies ready for binding. So if we had 100 photogravures the total cost would be about $8000.

Ever since I got back from northern New York early in June, I have been putting about eight hours a day on this book work, and am employing a stenographer afternoons to help with the correspondence. I now find, from the amount of work ahead, that it will be impossible for me to get the remainder of the work in proper shape to leave before the end of this month, when I must certainly go to California. The greatest difficulty is in getting the line-drawings made. The next is in finding time to properly edit the manuscripts and secure the proper illustrations for each. If I can find a competent man, I

suppose I am authorized to employ a little additional assistance during the next two weeks. This would be of considerable help under the present pressure of work. I had thought of trying Wood, with whom you have had some experience I believe. He is a good proof-reader, and should be helpful also in editing.

Very truly yours,

E. Hait Hussian

J. Stanley-Brown, Esq.,
120 Broadway, New York.

L-278
M-286

WASHINGTON, D. C.,
July 16, 1900.

Dear Mr. Lanier:

The box containing the three unidentified positives and the job-lot of photograph prints came today. The positives I find to be as follows:

Gilbert No.125, Mt. Edgecombe, from mountain behind Sitka (looking out under limbs of tree)
Curtis No.259, Nunatak Glacier
Curtis No.253, Seal-hunters' village, Yakutat Bay.

I will return these positives to you tomorrow, along with some other things I hope to have ready by that time.

I received a telegram from Mr. Harriman today authorizing me to have made the additional photogravures which we desire. This I know will be a piece of good news to you as well as to me. On the strength of it I have ordered from Curtis positives of several additional pictures.

One of the great difficulties in the way of additional text figures is to find suitable subjects. We need a lot of pictures of subjects we have not got photographs of, or if we have photographs it takes several of them to cover what we want to show. However, I am pushing this matter now as hard as I can, and hope for results shortly. Some of the remaining figures necessary for the early part of the manuscript are promised for tomorrow.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

P.S. You can send Gilbert 125, Curtis 253 and 454, to the Photogravure men for reproduction.

WASHINGTON, D. C.,
July 16, 1900.

L-216
M-

Dear Keeler:

Thanks for your letter of the 9th inst. from Glen Ellen, with enclosed totem-pole with the desired grass about the base. I will have a cut made of this at once.

The multitudinous details connected with the bringing out of this book have completely swamped me, and made it impossible for me to get away. I hope, however, to get off about the end of the month, and shall report in California shortly afterward. Whether I go direct to San Francisco or take a roundabout way via Puget Sound, remains to be seen. At all events, I shall bring up in the Sierra as early as practicable.

With kindest regards to Mrs. Keeler, in which Mrs. Merriam joins,

Very truly yours,

C. Hart Merriam

Mr. Charles Keeler,
Ridgeroad & Highland Place,
Berkeley, Calif.

f-284
h-291
n-291

WASHINGTON, D. C.,
July 17, 1900=

Dear Mr. Lanier:

Your letter of the 16th is at hand.

I returned to you this morning the three positives you sent me for identification, concerning which I wrote you yesterday.

Now about lettering the photogravures. You know there are only a few of which I have two copies; of most of them I have one copy only. If I label this and return to you I will have none and again be as badly off as ever. About half of the photogravures now being made I have absolutely nothing to represent, since I sent to you for guides for the photogravure men the only copies of the photographs in my possession. Most of the photographs, however, which were sent with the photogravures now finished, have been returned to me; so perhaps if I label these photographs and return them to you it will suffice for the legends.

With respect to the line cuts I am in almost the same predicament as with the photogravures, except that I believe I have received two proofs of each of the line cuts. Some of these I have returned to you with marks for corrections or re-making, leaving me one copy. When I attach one copy to the proof, as I have done in the case of the Burroughs manuscript, I am left without any duplicate. The two Curtis negatives you lack--Nos.444 and 315-C--have been ordered from Curtis and should reach you before very long.

As to the colored plates, I cannot very well send you Knight's fox, which has not yet come back to me--as I wrote you a day or two

ago. I will send you, however, in a day or two, the three or four remaining Fuertes plates. I do not believe it will be a good thing to give these out until we have received proofs of all of the bird work that is now in preparation. Our first proofs indicated that we were going to get splendid results. All of the subsequent ones have been far inferior, and for my own part I have no evidence whatever on which to base a judgment as to which of the lithographers is going to give us the best work. For this reason, as I wrote you the other day, I think we had better either give the additional plates to an entirely new lithographer (as Meisel, for instance, or some other good man), or else wait till we know absolutely who of the men now at work on our plates is going to give us the best pictures.

The title-page which came this morning looks very well. In addition to the corrections of spelling in authors' names, I think it will be necessary to add one or two names to the list of authors, as Stanley-Brown has an article on fox-farming by Washburn, and also I believe a short article on whaling. I notice that the proofs of the title-page you sent me are on laid paper, which makes them look very rich. On a smooth-finish paper they will not begin to look so well.

Of course you noticed that Andrew's photogravures were about half an inch longer than those made by Gilbo. With the exceptions mentioned in my recent letter, Andrew's last lot were satisfactory.

The sample paper you send is finished on one side only, and is, it seems to me, altogether too thick for book paper. Measure up four or five hundred pages of it and add to the pile 100 photogravures on thick paper, and see if you do not think the book will be a little ponderous.

3--H.W.L.

I am working on the photographs for additional drawings now, and hope to send you a ~~page~~ lecture for Spader either tonight or tomorrow. It will, as you say, be a splendid thing when we can give out everything to be drawn for the volume, but my experience during the past two or three weeks does not encourage me to think that this end is likely to be attained in the near future. What is really needed at this stage of the work, where only a few simple drawings remain to be made, is an artist who can work at my elbow or where he can consult with me at least once a day, so that it would be practicable with a minimum of labor for him to make the compositions necessary from the various photographs. If Spader is able to do this work, and is pining for a visit to the tropics, possibly he might be able to come on here for a week or ten days without additional cost to us. He could certainly work to very much better advantage here than elsewhere, so far as material is concerned. Has he had much experience in drawing on blue prints? We have quite a little of this kind of work ahead of us still.

Very truly yours,

E. Hart Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 17, 1900.

L-282
H-309

Dear Stanley-Brown:

Many thanks for your letter of yesterday, which came this morning. I was delighted with Mr. Harriman's telegram, which came yesterday noon. I shall do all I can to push the work to the utmost before I go. I expect to leave about the first of August and get back about the first of October.

About the additional manuscripts of which you speak. I understood you to say that you would amplify Washburn's fox-farming article and send to me as soon as ready for the book. I cannot possibly elaborate or re-write it before I go, as it is now impossible for me to keep abreast of the work. The other articles I have felt a little shaky about. In view of the fact that Capt. Humphries accompanied the Expedition and gave Mr. Harriman a manuscript with the expectation of having it published in the book, it seemed to me that Mr. Harriman might hesitate to publish an article on the same subject by some one else. However, you can easily ascertain his feelings on this subject and let me know.

With respect to the Cape Nome article a good deal may be said pro and con. The fact that the ship did not touch there and that no member of the Expedition has been there, is certainly a strong argument against including it. On the other hand, we have the undeniable fact that the place is red-hot just now, and were it not for a still hotter place on the other side of the Pacific, Nome would prob-

ably be receiving much more attention than it is. Like the whaling article, it is a case which I think ought to be decided by Mr. Harriman at the earliest possible moment. The publishers have sent me a revised title-page, which is very good I think, but it must of course have the names of all the authors on it before it goes to press.

Is it going to be practicable to get hold of a few of your negatives for photogravure reproduction?

If I have omitted to answer any of the points raised in your letter I will write again tomorrow, as I have mislaid your letter--probably left it at my office this morning.

Very truly yours,

E. Hart Harriman

J. Stanley-Brown, Esq.,

120 Broadway, New York City.

P.S. -- By the way, I wish you would wire Curtis to return immediately such negatives as he has finished with for the album. I understood him to say some time ago that he had finished the whole batch and was waiting for the ten of mine which were delayed by the photogravure man Gilbo, but which went to him some days ago. I need for blue prints at the earliest possible moment negatives which have been inaccessible for a long time because in Curtis' hands. These negatives are of varied ownership, and the whole batch had better be sent me at once so that I can select those needed and then hand the whole batch over to Gilbert, who will attend to their redistribution.

L-286
L-293

July 17, 1904

Dear Mr Lanier

Since writing you this afternoon I have picked out & am sending you herewith 5 photographs for Harden to make line drawings of -

Ther. 106° here today -

Cordially yours

Williams

k-254
n-308

WASHINGTON, D. C.,
July 18, 1900.

Dear Ritter:

Your letter of July 13 from Lake Tahoe came today, and is a great relief, as it solves the problem as to the authorship of a paper on Bryozoa which came to hand a few days ago. This is the sixth paper I have received recently without any author's name at either end. I was about to send them to the printer in the name of Capt. Doran. I have rearranged the illustrations on the first two plates of the Bryozoa article, and have sent them to the photo-lithographer for reproduction.

Proof of your paper on 'Harrimania [illegible]culosa' goes to you by this mail. I shall put the matter in page without waiting to hear from you, but hope to have your proof back before it is necessary to go to press. Please return to me within 24 hours of its receipt, or you will probably not reach me before the matter is printed.

Very truly yours,

C. Hart Merriam

Prof. William E. Ritter,
University of California,
Berkeley, Calif.

WASHINGTON, D. C.,
July 18, 1900.

k-291
n-296

Dear Mr. Lanier:

Thanks for your letter of the 17th inst., just received, and also for the new cuts and proofs of the 7 line drawings sent you a short time ago. While these are an improvement over the previous lot, they are still not what they should be. As a matter of fact, we are not getting anything like the best results for this line work. In the majority of the cuts a large number of the lines in the original do not show at all, and in others certain of the lines are so thickened as to look coarse. I showed a batch of them today to the man in charge of this kind of work for the Geological Survey, in order to find out whether or not I was hypercritical in the matter. He told me that he considered the cuts from poor to medium, and that if they had been made for the Survey he would reject the majority of them as below the standard required in that office. This is exactly my opinion, as you know, for in my office we never accept such inferior work. They look to us like newspaper cuts, rather than cuts intended for a book of the highest grade of excellence throughout. I do not know or care who made them, or who will make the remainder of the series, provided we can get satisfactory text figures. In addition to Wright, Gatchel & Manning of Philadelphia, and Harry C. Jones of New York, have done a good deal of good work for us. I believe Harry Jones has been succeeded by the Publishers & Printers Engraving Co. There may be, and doubtless are, many other firms in New York which are able to do equally good work if they are held down to it. I find

2--H.W.L.

that when a number of cuts are rejected the firm making them is pretty sure to take more pains with subsequent batches. There certainly is no excuse for sending out a cut which lacks a number of the lines of the original. In one of your letters last week you encouraged me to believe that you were going to exercise some scrutiny in this matter yourself, but you appear to have been too busy.

Last night I sent you a small batch of photographs to serve as copy for drawings. Tonight or tomorrow I will send you a larger batch. Meanwhile I am having a number made here, but it is very slow work.

Very truly yours,

C. Hart Merriam.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 18, 1900.

L-81

My dear Trelease:

Thanks for your letter of the 12th inst. and the accompanying manuscript by Evans. The latter seems to be in good shape, and I have already sent the illustrations to our lithographer for immediate reproduction.

I trust your own article will be ready in the fall when I get back from California. In addition to the papers for the narrative volume of the Harriman Expedition reports, I now have at least 17 or 18 of the technical papers, with the promise of a number of others in the near future.

Very truly yours,

C. Hart Merriam

Prof. William Trelease,
Director, Missouri Botanical Garden,
Saint Louis, Missouri.

f-298
n-300

WASHINGTON, D. C.,
July 19, 1900.

Dear Mr. Lanier:

Your letter of the 18th inst. is at hand, together with the galley proof of Burroughs' article, which I have not had time to look over today but will probably reach tomorrow. I will try to send the lettering for the photogravures tomorrow. I have spent the entire day on the matter of the remaining text figures, and am sending you herewith another small batch of photographs for drawing. They may need a little explanation. I have arranged most of the different subjects in separate envelopes as follows;

Kyaks. You will notice there are two photographs, one of a two-man kyak, the other of a three-man kyak. Both should be drawn in the same picture and should be reduced to the same scale: the scale in the three-man kyak picture seems to me about right. The prow of this kyak is a little indistinct in the picture. It is in reality exactly like that of the two-man kyak, from which it may be restored.

In the large envelope is a headland on St. Matthew Island, with a small photograph of the same headland showing the landing of our party. More or less of this landing party should be included in the drawing.

Two other pictures in the same envelope--the resurrected forest near Muir Glacier, and some old hemlocks on top of the cliff in Harriman Fiord, require no explanation.

The remaining large photographs show the grave of a great chief

of Bear Clan. There are three photographs of this grave--two large and one small. The one which I think will make the best drawing is Curtis No.457. The wooden carvings of bears which stand inside of the burial house are shown in the small photograph, but are in shadow in the others. I think they can be satisfactorily outlined from the small picture. The large bird, 'Ho X hoq,' which guards this grave is shown in two of the pictures, and can be placed in its proper relation to the right of the dead-house in 457. In the small photograph the bird is in the rear and looks too small. It is shown in the correct proportion in Curtis No.459. I think this will make a very effective picture, as well as one of ethnologic value.

One envelope contains a collection of photographs for a picture of Indians in their canoes, and two additional photographs are included showing Yakutat canoes on the grass--to give the form of the boat when out of water. One of the photographs shows a very long canoe of a somewhat different pattern. One picture will be enough; I think it might show four canoes in the water in different positions.

The others are: interior of Indian church at Metlakahtla, a pair of masks found in the deserted village, and views of the rough ice on top of Muir Glacier (either one of the two views may be used).

So I am sending you in all by this mail material for nine line drawings, in addition to those sent you a few days ago, which I suppose you received. I shall try to send you the legends for all of the photogravures tomorrow.

Very truly yours,

E. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 19, 1900.

Mr. A. H. Baldwin,
Cape May, N. J.

H-323

My dear Sir:

By this mail I am returning to you two of your drawings for further correction. In the one of the Eskimo, please remove the hidden child in the middleground.

In the drawing of Barry Glacier there still remain several important errors which I trust you will be able to correct. I send with the drawing the original photograph from which it was made, and also another photograph taken from the same position but somewhat nearer, showing better detail. The steps on the cascading glacier in the middle of the picture are not yet exactly right, as you will see on comparing them with the photograph. The median moraine on the lower section of this cascading glacier you have in the drawing pushed way over to the right and have not given it a sufficient form. This is easily remedied. The promontory on the right is double, as shown in the original photograph. Can you not bring this out more distinctly in the drawing?

If you will look at the mountain range in the background in both of the photographs, you will see that there is a dark basal portion, with a fairly sharp snow-line. This is not well shown on the drawing, but I think you will easily bring it out. The two snow patches close to the right side of the cascading glacier are much too large, while the patch a little farther to the right is too small.

Very truly yours,

C. H. [illegible]

Lower

In the package with these drawings are blue prints. If we take with these along frame in 2 different styles, which I shall be delight if you will kindly don. don

poor imprint

WASHINGTON, D. C.,
July 20, 1900.

L-96
2-304

Dear Mr. Lanier:

Your letter of the 19th is at hand.

I am glad to know that Spader may be able to come on here to do as much as possible toward finishing up the pen drawings. I can easily find a boarding place for him where his expenses will be very moderate. I am holding back a lot of pictures which a good man might reproduce satisfactorily in line work, but which otherwise must go to photogravure. If Spader can handle them I will turn them over to him at once. He will know, of course, as soon as he sees them.

I am sending you herewith a batch of photographs and photogravures on which I have written the legends. This batch covers, I believe, all thus far made except 2, of which I sent you the photographs a short time ago along with Andrew's proofs; probably you sent them to Andrew with the proofs. The labels for them are enclosed herewith; so you will have no difficulty in identifying them. One is Indian River near Sitka; the other is 'Stranded icebergs, Glacier Bay.'

Very glad to know that Fuertes is pleased with the last proofs of his precious birds.

Very truly yours,

C. Hart Merriam.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 20, 1900.

L-272
2-

Dear Professor Emerson:

The exact location of that saddleback mountain seems to puzzle the whole outfit. We are get somewhere near it, but no one seems willing to place it exactly.

By request of Gilbert, I sent you a few photographs this morning, and added to the package an enlarged print of Amherst Glacier which I thought you might like.

Yes, we knew about Dr. Morris' marriage.

Very truly yours,

C. Hart Merriam.

Prof. B. K. Emerson,
Amherst, Mass.

L-41
N-324

WASHINGTON, D. C.,
July 21, 1900.

My dear Professor Verrill:

Now that college is over and you have had time to pull yourself together, I venture to ask if you have nearly finished your report on the Echinoderms of the Harriman Alaska Expedition? Any illustrations that you wish for your report you may have drawn at Mr. Harriman's expense. If the text is not yet ready, can you let me have it by the latter part of September?

I have now in hand practically all the papers and illustrations for the first volume, and 17 or 18 for the technical volumes. Will your plates be drawn with reference to reproduction by photo-lithography? Our type-bed measures $4\frac{1}{4}$ x 7 inches; so you can figure on the reduction accordingly.

With kindest regards to you all, in which Mrs. Merriam joins,

Very truly yours,

C. Hart Merriam

Prof. A. E. Verrill,
New Haven, Connecticut.

WASHINGTON, D. C.,
July 21, 1900.

N-345

My dear Professor Nutting:

How are you getting on with your report on the Hydroids of the Harriman Alaska Expedition? I have now in hand practically all the papers and illustrations for the first volume, and 17 or 18 for the technical volumes. I trust your plates with be drawn with reference to reproduction by photo-lithography. Our type-bed measures $4\frac{1}{4}$ x 7 inches, so you can figure on the reduction accordingly.

Very truly yours,

C. Hart Merriam

Prof. C. C. Nutting,
Iowa City, Iowa.

WASHINGTON, D. C.,

July 23, 1900.

L-300
L-311

Dear Mr. Lanier:

Your letters of the 20th and 21st are at hand, and I have just wired you that I shall be glad to see Spader at any time.

I am obliged for your letter from Andrew. The positives were made by Curtis at Seattle, where it rains most of the time, but I suppose they may have managed to kick up a little dust out there as well as elsewhere.

The sample of paper you enclosed in your letter of the 21st seems to me not too heavy for the plates, although it is obviously too thick for the text.

The proof of Dellenbaugh's No.49 from the Taber-Prang people gives me a cold shudder. I am more and more afraid that this kind of art is intended for wall decoration, and that when one comes to face it at short range in a book the effect is dreadful.

As to the Barry Glacier, I return to you herewith the original print, which I matted out and sent with the first batch of negatives. xxxx I sent you Saturday, among the photographs labeled for the photogravure men, a solio print from this same negative (No.140). There is a blemish on the original velox print, which befell it while in Gilbo's hands. I can have another print made now that I have the negative, or if Gilbo can obtain decidedly better results from the original negative I will send that back to you for him.

The negative of the ice pack photograph has gone to Curtis at Seattle, but will probably be back in about ten days. I enclose

2--H.W.L.

herewith a print, but if better results may be had from the negative I will again send that to you on its return from Curtis.

My luck with the artists here of late has been most discouraging, which is partly due doubtless to the exceedingly hot weather we have been having. Out of four different persons who promised finished drawings for Saturday, not one appeared. By tomorrow, however, I hope to have a small batch. I have some on hand now, but it is not worth while to send them until the others arrive, as those now being made come earliest in the text.

I have this moment received a telegram from Mr. Harriman stating that he has received from Curtis positive 285. I am wiring him in reply to send this positive to you. When you receive it please put with it positive 286, which you already have, and make a couplet of the two, that is to say, put both on one plate crosswise of the page, one above the other, as we have already done in several instances, and have a photogravure made of the same. The prints of these I am sending you herewith so that no mistake can occur.

Very truly yours,

E. H. Harriman.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

July 23, 1900.

My dear Doctor Mendenhall:

Did you ever publish your notes on the dimensions of Bogoslof, Old and New? I remember helping you pace off a base line. I am writing a little article on Bogoslof for the narrative volume of the Harriman Alaska Expedition Reports, and am anxious to give references to the literature and also to obtain as much information as possible on the general subject. If you have not published your notes, would you be willing to give me the approximate size and elevation of Old and New Bogoslof as determined by your measurements?

I made a hurried visit to Old Bogoslof one evening last July and was greatly surprised at the enormous changes that have taken place in the new volcano as seen from the east end of Old Bogoslof. The high cliffs and irregular masses appear to have crumbled and sunken in so that the whole island is entirely changed in form and very much flattened.

Very truly yours,

Dr. T. C. Mendenhall
Prest. Polytechnic Institute
Worcester, Mass.

T. C. M. 2.

You have probably noticed Dall's chart of the islands made August 13, 1895 and published in a paper by Becker and Dall in the Report of the Geological Survey for 1896-7. A tracing of this chart I enclose herewith. On this tracing I have roughly indicated in red pencil the form of the spits or low flat parts of the islands when you and I were there in 1891. You can doubtless correct these from your own memory. Possibly you have sketches which will be much better.

L-29
N-

WASHINGTON, D. C.,
July 23, 1900.

My dear Ritter:

I am enclosing herewith proofs of your three plates. The originals I have returned with duplicate proofs to the lithographer, in order that he might make certain corrections. A serious trouble with the original drawings is that the lettering and the dotted lines leading into the anatomy from the lettering are too weak and too difficult to follow. I have spent a great deal of time going over the proofs and the drawings in detail, and in some instances find it impossible to make sure just where a line ends or just what a letter is intended to be. If you will only bear on a little harder when you are doing this sort of work you will save the necessity for a good many corrections and at the same time save me a lot of valuable time.

If you strike anything radically wrong in these, please wire me and return proofs by return mail, for there is still just a chance that they may reach me before I pull out for California.

Very truly yours,

C. Hart Merriam.

Prof. W. E. Ritter,
Berkeley, Calif.

L-289
N-316

WASHINGTON, D. C.,
July 24, 1900.

Dear Stanley-Brown:

Thanks for yours of the 21st inst., this day received, together with the manuscripts on fox-farming and whale-fishing. The latter has no author's name attached, and it is not clear to me whether the man's name is Humphrey or Humphries. In my journal I have his name down as Captain Omer J. Humphries, but I always felt that there was uncertainty as to his last name. I shall read both articles as soon as I possibly can.

I quite agree with you that some of the slides in the list appended to the whale article are worth looking into. The question is, how can we get access to them, and could we secure the use of a few of them for illustration? The article if published of course should be illustrated. I do not know Humphries' address; do you?

One sentence in your letter makes my blood run cold. It is the one in which you state that you hope to have the photographs of the specimens ready for me by my return. You refer of course to the Indian trinkets for Grinnell's article. Now I have all the other illustrations for Grinnell's article, and expected to send the same to the printer next week. We do not need a large number of additional illustrations, but I am particularly anxious to get a good picture of the square oil-box and of one or two of those fine masks, especially the carved one. Could not this work be expedited so that I could get the photographs before I leave? The work is dragging so that I am likely to be detained here I fear ten days longer.

2--J.S-B.

Very many thanks for your permission to use your negatives, but how are we going to get at them now that your house is closed and you are in New York? I understand from your letter that you wish it stated that these pictures are from photographs by H. D. Chichester instead of J. Stanley-Brown. I shall also of course respect your wishes in the matter of general credit, although it would be most natural and proper that your name should be mentioned in this connection.

I am greatly disappointed that Curtis has really not finished printing any of the negatives. I earnestly hope he will push the matter and send them in season so that I may receive and distribute them before I go; otherwise a number of illustrations will be put off so late that it will be impossible to get the book out even by Christmas.

Very truly yours,
C. Hart Merriam

J. Stanley-Brown, Esq.,
120 Broadway, New York.

L-304
L-314
71-

WASHINGTON, D. C.,
July 24, 1900.

Dear Mr. Lanier:

I do not know as there is any urgent need of writing you just at this time, only it seems unnatural to let a day go by without paying my respects.

I have today received from Stanley-Brown an article on 'fox-farming' by Washburn, and an article on the whale fishery by Captain Humphries, both of which, particularly the latter, require a whole lot of editing.

I have secured quarters for Spader at a boarding house called 'The Fredonia,' at the rate of $10 a week for board and room. If he does not like it, he can climb down or up just as he prefers. There are lots of boarding places here at this time of year, if one only takes the time to follow them up. Am rather hoping Spader will turn up tomorrow. The heat has knocked out several of our local artists and the work they have promised me for last week has not yet appeared.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 24, 1900.

71-

Mr. C. B. Hudson,
47 West Twelfth st., New York.

My dear Sir:

When I met you in New York about the end of May I understood you to say that you expected to return to Washington in about two months. I have just telephoned the Fish Commission for your address, which they have given me as above.

I would like to consult with you about some drawings if you are to be here in the near future. I expect to start for California in a week or ten days.

Respectfully,

C. Hart Merriam

L-277
N-330

WASHINGTON, D. C.,
July 25, 1900.

Dear Curtis:

Your letter of the 20th came this morning, and surprising as it may seem, the splendid prints of Columbia Glacier and the beaver totem-pole arrived by the same mail. I am sending the Columbia Glacier off at once for reproduction by photogravure, and have no doubt that it will make one of the most striking pictures in the book.

I am disappointed to learn that you are not done with the main lot of negatives, as I had hoped to be able to utilize a number of additional ones for the book. However, I shall be glad to receive the positives ordered, as early as possible.

I had expected to be in California before this, but this picture business is delaying me and it is impossible to say just when I shall be able to get away. I may possibly go by way of Seattle, in which case I shall hunt you up immediately on arriving.

With best wishes,

Very truly yours,

C. Hart Merriam

Mr. E. S. Curtis,
Seattle, Washington.

WASHINGTON, D. C.,
July 25, 1900.

L-311
N-319

Dear Mr. Lanier:

Mr. Spader reached here this afternoon and will begin work at once. I am very glad that he is here, as this will enable us to take up subjects in the sequence of their position in the manuscript, and I hope will liberate the Burroughs galley ~~manuscript~~ in a short time. By the way, I am not sure that I told you that I have finally received from Burroughs the set of galley containing his corrections. He made very few changes. Your corrections and suggestions are of the greatest assistance to me, and I hope you will be equally critical with all future batches.

I sent you today my original negative of Barry Glacier, No.140, as I have no doubt that a much better picture can be had from the negative than from prints.

In my remarks concerning the Dellenbaugh picture in question I was not criticising the reproduction so much as the character of the subject with reference to its fitness for inspection at long or short range.

I am sending you by this mail a roll containing a magnificent photograph of Columbia Glacier. It is a combination of two negatives, and is the one Curtis was unable to print during the damp weather of winter and early spring, because of the shrinkage of the paper during printing. This he says is the best result he can get, and I think it really very fine. It seems to me it might be sent at once to Andrew or Elson for photogravure. It is unfortunately a

2--H.W.L.

little narrow for its length, but it is so fine a thing that we can afford to put up with the unfortunate proportion. Do you think a folding plate ought to be considered in a case of this kind? The picture would certainly make a magnificent folding plate, but folding plates nearly always show the fold, and unless the paper is unusually strong are apt to break. I shall be glad to know what you think of the picture.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
July 25, 1900.

L-309
M-354

Dear Stanley-Brown:

Your letter of the 24th, with respect to positive No.285, came today. I received and answered a telegram from Mr. Harriman respecting this same positive a day or two ago, requesting that it be turned over to Mr. Lanier.

Very truly yours,

C. Hart Merriam

J. Stanley-Brown, Esq.,
120 Broadway, New York.

WASHINGTON, D. C.,
July 25, 1900.

L-253
N-326

Dear Coe:

I sent you by express this morning your original manuscript and a typewritten copy thereof. Please compare carefully, do such editorial revising as you deem necessary, and return to me.

Very truly yours,

C. Hart Merriam

Prof. Wesley R. Coe,
Woods Holl, Mass.

WASHINGTON, D. C.,
July 25, 1900.

L-271
N-332

A. B. Hoen & Co.,
Baltimore, Maryland.

Dear Sirs:

I sent you this morning by mail three additional plates for photo-lithographic reproduction. All three are of insects. Some of the plates you are now making for us are to be used again in the technical volume of the Harriman Expedition reports. I will ascertain at once from Doubleday, Page & Co. whether or not they have fixed on the edition of these technical volumes, so that you might print the plates at once. Otherwise it would be necessary to hold the stones.

Very truly yours,

C. Hart Merriam

L-314
N-325

WASHINGTON, D. C.,
July 26, 1900.

Dear Mr. Lanier:

Yours of the 25th inst. at hand, together with the package of photogravures.

Spader is hard at work, and has done some very good things for us already. I will give one drawing to our local photo-engraver, as you suggest, to see what he can do, but I doubt if he can turn out first class work.

The sheet of cheap paper you return with the cuts printed on it strikes me as very fair. It shows, at all events, that we can get good results with line etchings on a moderately surfaced paper without any gloss or sizing.

Now as to the photogravures. The new proof of Bogoslof does not differ in any way from the old one, so far as I can see. The line of junction of the two negatives shows just as it did before. This looks to me as if the plate had been made from the mounted photographs pasted together, instead of from the original negatives.

The rest of the photogravures are greatly improved, and I think we can accept them. The one of Yale Glacier is strikingly superior to the early proofs, while the three that he made over are incomparably better, as you doubtless observed. It is really funny that a man who has negatives capable of furnishing such results as the proofs now submitted of Plover Bay, Siberia, Mt. Pavlof, and Mt. Fairweather should have the face to try to force us to accept such horrible things as his first attempts on these three pictures. However, 'all's well

2--H.W.L.

that ends well,' and it is gratifying to get some return for the trouble of kicking.

Andrew's photogravures are not quite up to previous batches, it seems to me. Most of them are blurry and indistinct, as if they had been rubbed with an oily rag before the ink was dry. The best of the lot are two from Mr. Harriman's negatives--44, Russell Fiord, and the narrow one showing Harriman Glacier. I regret very much to see that Andrew still persists in his barbarous custom of trimming the original to fit the dimensions of the plate instead of reducing or enlarging the original to suit the size of the plate. I called attention to this fault before, and supposed of course that it would not occur again. You will notice that the copyright is not wiped off from the Curtis pictures and that Curtis' name, or part of it, remains. These blemishes of course should be remedied.

By an oversight in your office or in Andrew's, the original photographs which I sent you were not returned in the present batch of photogravures; so that I am unable to make detailed criticisms except in the case of the picture showing the wonderful Japanese-like tree on the right with a bit of glacier on the extreme left. Fortunately I have a print of this, which I am returning to you herewith along with the photogravure. You will see how the latter is ruined by excessive trimming of top and bottom, just as was done in one of the previous batch concerning which I wrote you in detail. I refer to the picture of stranded bergs, in which so much of the foreground was cut off that the artistic effect of the picture was destroyed. The dirty sky which you see in this tree picture, and the general blurriness of the foreground characterizes several of the

3--H.W.L.

present batch. I am disappointed that Andrew is deteriorating so. Now that he has got the job he seems to have lost interest in the work. I will retain his photogravures until you send me the originals with which they are to be compared.

In the case of the Gilbo photogravures, I am returning you one set herewith as you request.

In the package with the photogravures you will find a proof of a wood-cut of one of the pictures selected by you for reproduction when you were here a long time ago. I had this made as an experiment; it cost $25. Please let me know how you like it. If you approve the scheme I think we could afford to have several others. It gives a little more diversity to the illustrations, and, it seems to me, adds an attractive feature.

You have probably received the prints of Curtis 285 and 286 before this. Packages seem to be longer in reaching you than in coming from you to me.

Your suggestion to use some of the papers for the narrative volume in magazines is worth considering, but I do not think it could be carried very far. Mr. Harriman was tremendously averse to the publication of any matter in the magazines or elsewhere in the same form in which it was to appear in the book. He strongly disapproved, as I think you know, the publication by the Century Co. of part of the same matter which Burroughs wrote for the book. He told Burroughs this on the ship and there was supposed to be a distinct understanding that matter written for the magazines would be in different form from that intended for the book. By the way, this happens to remind me that Burroughs' Century article, the first part of which will ap-

4--H.W.L.

pear in the August number, has a picture of St. Elias by Gifford which is far ahead of anything we have of this mountain. I believe it is a half-tone, but we could easily have it redrawn or reproduced in some other way if it comes out as well as it promised in the proof, and I have no doubt the Century people would be entirely willing for us to use it. Please let me know what you think of it.

The style of lettering you enclose for the photogravures seems to me excellent.

I asked my stenographer last evening to remind me to write you about the size of the edition of the technical volumes, but as he has forgotten it entirely I will speak of it myself. I am now publishing in the Proceedings of the Washington Academy of Sciences some of the technical plates which will appear later in the book. Some of these are accompanied by photo-lithograph plates. Those I am now having made are by Hoen. It seems clear to me that we should do one of two things, to save expense: we should either have Hoen print at this time the edition of these plates you will want for the technical volumes, simply leaving off the headline which we use in the Academy's Proceedings, or the stone should be preserved until such time as you have done with it. I will see to the payment of the bill for preparing the stones and printing the edition for the Washington Academy. Perhaps you had better arrange with Hoen for the edition you will need for the book, or for the preservation of the stones--as you see fit. I will also arrange with the New Era Printing Co. for electrotypes of such matter as will be reprinted verbatim in the book.

Very truly yours,

E. Hart Harriman -

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

L-98
N-

WASHINGTON, D. C.,
July 26, 1900.

My dear Mr. Baldwin:

The drawings you sent me on the 24th inst. have just arrived, and I think I can accept all four of them without further correction.

Very truly yours,

C. Keith Harrison

Mr. A. H. Baldwin,
Stockton Hotel,
Cape May, N. J.

L-30
N-

WASHINGTON, D. C.,
July 27, 1900.

Dear Professor Verrill:

Many thanks for your letter of the 23d inst., which came this morning. I rejoice to know that you are finally done with that dictionary job which has taken so much time. You cannot afford to work eighteen or twenty hours a day, even if the work is urgent. You are not as young as you were 20 years ago, and this sort of thing tells, as even I know from experience--young as I am.

I am delighted to know that you are willing to make your report cover all of the Alaska Echinoderms. This is what most of the authors have done in the case of their several specialties. I am glad also that you feel disposed to illustrate the article thoroughly with photographic and other plates. I have heard from various quarters that your son is an exceptionally skillful photographer. There is little doubt that you can have ten or twelve plates if you need them. We do not use half-tone, owing to the abominable paper which half-tones require. Perhaps heliotype would be the best method of reproduction.

I hope you will be able to take the work in hand early enough so that we can publish your report in the fall, along with a number of others already in hand.

With kindest regards to Mrs. Verrill, in which Mrs. Merriam joins,

Very truly yours,

C. Hart Merriam.

Prof. A. E. Verrill,
Stony Creek, Conn.

WASHINGTON, D. C.,
July 27, 1900.

L-319
N-327

Dear Mr. Lanier:

New proofs of the 7 line cuts you have just had made over arrived today, and are a great improvement over the preceding proofs of the same subjects.

Spader has made us a fine drawing of the brink of Shoshone Falls which I have just taken to our local photo-engraver, and he promises to have the cut ready Monday. I am greatly in hopes that we shall be able to liberate the Burroughs galleys by Tuesday at latest.

Very truly yours,

C. Hart Merriam.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

R-317
R-346

WASHINGTON, D. C.,
July 27, 1900.

Dear Coe:

I have just been stirring up Prof. C. C. Nutting, of Iowa City, with respect to his report on the Hydroids of the Harriman Expedition, and in reply he tells me that he has not yet received all of the specimens--that he understands a number are still in your possession. If this is so, can you not send them to him at once so that he can go on with the work? He says if he can get hold of the material he will spend his summer vacation in working up his report.

At last I have had a long letter from Prof. Verrill, in which he states that he has finished several batches that have proved very exacting of late, and is about ready to tackle the Harriman Echinoderms.

Very truly yours,

E. Hart Harriman

Prof. Wesley R. Coe,
Woods Holl, Mass.

L-325
L-331

WASHINGTON, D. C.,
July 28, 1900.

Dear Mr. Lanier:

Your letter of the 27th is at hand.

We have the August Century, and like Gifford's picture of St. Elias. I wish you would look at it and see what you think as to the best method of reproduction. Would it not lose too much if redrawn in line work? It seems to me very effective.

Stanley-Brown was here a few hours this afternoon, and I went to his house and selected the negatives of 6 or 7 photographs for reproduction by photogravure. Five of these negatives are very large, and the danger of breaking them in shipment and handling is proportionally great. I would suggest therefore that I ship them from here direct to the photogravure man, and that you write him at the same time respecting them. If you will let me know to whom you wish them sent I will send them on receipt of your letter, and will send you a memorandum which you may transmit.

The articles you mention with reference to their possible use in 'The World's Work' are not in such shape as to be available. The Cape Nome article has not been written, and may not appear in the book, as the Expedition did not visit Nome and it would seem like straining things to put in an article about a place not visited by any member of the Expedition. Stanley-Brown has collected a lot of material on Nome, and would doubtless write an article for your magazine on that subject if you so desire. This would be entirely outside of the book matter. The 'Fox-farming' article was written by

2--H.W.L.

Washburn, of the Alaska Commercial Co., and covered I believe three or four typewritten pages. Stanley-Brown has amplified it so as to make about eight typewritten pages. We have no good pictures of the blue fox, and I do not know how we are going to get any. The whaling article was given us by Captain Humphries, and is a very effusive document. Whether it was written by Humphries or by a combination of the people in the company with which he is connected, I am not sure. At all events, it needs a deal of editing, and I am not yet quite sure that it has not been published elsewhere. I do not think it is to be considered from your point of view. It seems to me that the publication as a magazine article of any of the chapters of the book would require first the permission of Mr. Harriman and then an arrangement between the author and the magazine. I shall be glad to see the reproduction of the Columbia Glacier panorama of the size you indicate--$3\frac{1}{8} \times 7\frac{1}{2}$.

I have received several additional drawings from Spader, and have given them to our local photo-engraver to put with the Shoshone Falls picture I gave him yesterday, in order to save time. He promises the batch for Tuesday noon, and perhaps I had better send the cuts direct to the New Era with the galley proof, so that he may page the matter at once. I assume that you have already sent the cuts you have had made from time to time.

Hudson, the artist I have had in mind for several months with reference to the illustration of Dall's poem on the 'Innuit people,' returned today and has taken the manuscript away with him. If he gets into the spirit of it, I think he will give us the illustrations needed to accompany the verse. Spader is doing very well, and between

him and Hudson I hope the coming week will clear the atmosphere.

I have had prepared here, through the courtesy of Gannett, Gilbert, and the Geological Survey, an excellent small map of Alaska, printed in three colors. We have also had a fourth stone made showing the route of the Harriman Expedition. A copy of this map I enclose herewith. The man who made it wants to wipe off the route stone. I asked him to hold it a short time longer, until I could hear from you as to the edition needed for the volume. This is the general map which the Harrimans want to go in the front of the narrative volume. If you will tell me how many of these maps you are going to need I will have them printed at once. The cost of an edition of 5000 copies, including paper and all work that we have to pay for, will not exceed $100, and may be considerably less. I have not the exact figures yet.

By the way, the last batch of photogravures received from you came loose in an envelope without any pasteboard or any protection of any kind, as a result of which they were badly damaged.

Very truly yours,

E. H. Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

L-313
H-

WASHINGTON, D. C.,
July 30, 1900.

Dear Curtis:

Your letter of the 23d inst. gives me a great shock. One of the broken negatives--239--is the banner photograph taken by me on the Expedition, and I am dreadfully upset to know that it is destroyed. The other--262--is of no particular consequence. I am very glad to know that you had a print of each made on solio paper, from which you were able to get good copies. Of course these copies will have to answer for the album; and I hope you will send me as good a negative as possible to replace 239.

I now find that I cannot get away before Augsut 5 or 6, and consequently will have to go direct to California, postponing my visit to the Sound. I very much hope that all of the positives asked for will reach Mr. Harriman in time to be forwarded to me before I go; otherwise our work of illustrating the book will have to hang fire until I get back in October.

Very truly yours,

E. Hart Harriman

Mr. E. S. Curtis,
Seattle, Wash.

WASHINGTON, D. C.,
July 30, 1900.

L-327
H-334

Dear Mr. Lanier:

The five photographs which should have come with the photogravures two or three days ago, arrived today, but this is only part of the batch. Eight photogravures were sent in this batch from Andrew without any photographs, and now I have only five of the eight for comparison. I have gone over them, and am returning the batch to you herewith, with corrections indicated.

The Japanese tree picture I returned last week.

Very truly yours,

E. Hart Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

L-318
N-

WASHINGTON, D. C.,
July 30, 1900.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

Fuertes' painting of the heads of puffins has just arrived, for which I am greatly obliged. I will return to Fuertes at once to make up for a plate.

By the way, what has become of the Kadiak bear?

Very truly yours,

C. Hart Merriam

L-276
M-35-5

WASHINGTON, D. C.,
July 31, 1900.

Dear Fuertes:

I am returning to you herewith, by registered mail, your painting of heads of puffins, and shall be greatly obliged if you will cut and paste these exactly as you want them to appear on the plate. You may remember that I spoke to you of this when we met in New York. The object is to keep the heads as large as possible and at the same time bring them within the size of type-bed of our plate, which, as you remember, is about 4 $\frac{1}{4}$ by 7 inches. In this particular case I think we might stretch the breadth of the plate to 4 $\frac{1}{2}$ inches. If they cannot be brought within this size we can reduce them very slightly. Please return at your early convenience.

I hope you will find the new proofs just sent you by Lanier, of the Hummingbird, Alaska Lapland Longspur, and flying Jaegers, a considerable improvement over the first proofs.

Very truly yours,

C. Hart Merriam

Mr. L. A. Fuertes,
Ithaca, New York.

I wrote for Cathcart Aug. 6 & 7.

WASHINGTON, D. C.,
July 31, 1900.

L-331
M-342

Dear Mr. Lanier:

Your letter of the 30th inst. is at hand.

As to the St. Elias picture: it is so long since I have seen Gifford's painting (which is in process of reproduction) that I have forgotten what it looks like. Possibly it is essentially the same as the one in the Century, only more extended horizontally. Possibly the Century cut could be compared with the painting we are going to use before we do anything about it.

I have sent Andrew by express today five large negatives belonging to Stanley Brown, from which to make four photogravures. Of the negatives sent, three show dense colonies of Murres, the commonest sea-bird of Bering Sea. The two others are of sea-lions. I have masked prints from these photographs as they should appear, and am sending the same to you in a package with other things. In this package you will find two prints (velox and solio) each of two photographs of the region about Unalaska, for reproduction by photogravure. One of these shows a native barabara surrounded by drying salmon. The other shows one of the beautiful flower-decked Unalaska hillsides of which Burroughs has so much to say. The prints of the latter are not first-class, but I think a fairly good photogravure can be made therefrom. I shall not be able to borrow the negatives from which these photographs were printed; so you will have to send the prints to the photogravure man.

In the same package you will find a 5 x 7 photograph of a flight

of gulls at the Pribilof Islands. This picture is too poor to stand reproduction by photogravure, and it would be impossible to clean away the sky between the birds. I have therefore taken it to the man who made a wood cut for me a short time ago, and he says it will cost $65 to make a wood cut plate of it, but feels that he could make a great success of it. Had we not better have it done? By the way, you never replied to my former letter with respect to the wood cut which I sent you.

The revised proofs of flying Jaegers, Hummingbirds, and Alaska Lapland Longspur, together with proofs of two of Gifford's and one of Dellenbaugh's paintings, arrived today. These proofs if satisfactory to the artists will do very well, although I must say I do not like the coarse brush-marks on the mountains in Gifford's 'Yakutat Bay sunset.'

Andrew appears to be hot in the collar. He will cool down a little before he gets these blurry photogravures into proper shape. If he wanted small positives, why didn't he say so before they were all made? I was requested to furnish positives from the Curtis negatives, without any suggestion as to size. It is probable, therefore, that Curtis made them the size of the negatives. They could have been made smaller as easily as not. As to the prints, I thought a print of each had been sent; but this may not be the case. At all events, I have sent a number of prints which have not yet come back to me.

Gilbert has just returned to town for a day or two, and I have secured from him the use of some of the photographs of the album set, of which I have not had any prints lately. One of these--of the interior of the Greek church at Sitka--I am sending you in the package

with the other pictures mentioned. You will remember a photogravure from this photograph was in the last batch from Andrew which I returned to you yesterday. If you will compare this photograph for a moment with the photogravure you will at once observe its great superiority. Of course Curtis may have sent us some poor positives, but he is a first-class photographer and it does not seem likely that practically all of his positives could be so bad as they are represented. Another reason why I am reluctant to think that they average bad is that Curtis, who is a very truthful man, wrote me that with a few exceptions they were fully equal to the negatives. He wrote me further that he made all of them personally. This applies to the early batches: some of the late ones may have been made by his assistants, as he has been away from Seattle part of the time.

What has become of Elson and the photogravures he has had in hand so long? It seems to me we have had no proofs from him since the very first samples.

The prints Nos.123 and 124 you mention, are doubtless my photographs of Amherst Glacier, of which Gilbo has already made a photogravure.

I will have 5000 copies of the map printed, as you desire. Shall they be sent to your office; and do you wish the principal stones held for a possible future edition? I do not know exactly how I can arrange this latter, but I may be able to if you so desire.

In the package of proofs received today was a single proof of Barry Glacier from my negative 140, across the corner of which is written "new plate from Gilbo." This is almost identical with the first plate of this glacier submitted by Gilbo, except that it is

badly scratched across the middle and is everywhere inferior. You may remember that I remarked of the first plate that it was exceptionally fine in every particular except that the fog had been trimmed away just above the part of the mountains which shows in the phot-graph. The correction I asked for was to have the fog carried up as in the original negative, so as to ~~really~~ hide the more distant mountains. Instead of this, the second proof had the sky very much darkened so as to look badly. The first proof is by far the best of the three, and if it is impossible to carry the fog up as in the negative I would by all means accept it, rather than either the second or third. Please bear in mind in this connection that I sent back to you the original negative of this picture a few days ago.

Very truly yours,

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

L-245
N-35-2

WASHINGTON, D. C.,
Aug. 2, 1900.

Mr. A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

I have sent you by express today 7 galleys of the Burroughs article for the Harriman Alaska Expedition book, with a number of text cuts attached to the margin, about where they belong. I assume that you have received the blocks before this from Doubleday, Page & Co.. The cut of the train goes at the very beginning of the first page. I have no copy of this cut, and therefore was obliged to omit it. As you doubtless have the block you will have no difficulty in setting it at the beginning of the article. The cuts, proof of which I have attached to the galley, are 'Green River Butte,' 'Sage plain,' Snake River Canon,' 'Shoshone Falls,' 'Latourelle Falls,' 'Multnomah Falls,' 'Inside passage,' 'Alaska Fiord,' and 'Metlakahtla.' Tomorrow I hope to be able to send you all the remaining proof in my hands (ending on galley 17), with the cuts placed where they belong.

The great delay in returning this proof has been due to the delay in getting the drawings which had to go in the text. I hope you will strain heaven and earth to get page proof of this back to me at the earliest possible moment. I expect to start for California on Tuesday night, the 7th inst., and it will be a tight squeeze to make connection.

I am now having the remainder of the drawings engraved for the

2--A.H.H.

Burroughs article and for the two articles which follow it, one by Muir on 'Glaciers,' the other by Grinnell on 'Indians and Eskimo.' The rest will have to wait until my return the latter part of September. I have the Muir and Grinnell manuscripts, but you have the rest of the Burroughs manuscript. The question is, how I am to place the remaining text figures that go in the Burroughs manuscript--and there are a great many of them. I presume it is out of the question for you to send me galley proof of the rest of Burroughs before I go. If this is correct, had you not better return to me the remainder of the copy of his article on receipt of this letter, so that I can attach proofs of the cuts in the places where they belong ~~in the copy~~ and you can transfer them to the galley proof?

On thinking the matter over it seems to me that there is really no necessity for submitting this proof in galley, and it will be much simpler, I should think, to run the cuts in if you set directly in pages (following what you now have in galley). You will know best about this.

As to placing the cuts: All cuts measuring more than three inches horizontally should be centered across the page. All under three inches should be indented in the type. Besides these two extremes, which are simple, you will find a number measuring exactly 3 inches. Some of these will look best centered; others will look better indented. Your foreman will have to use his own judgment in arranging these 3-inch cuts.

If any questions occur to you with respect to the first volume of the Harriman book, you had better fire them at me p. d. q.

I expect to have two or more woodcuts later on in the book. Your

answer to the letter I wrote you yesterday will influence the number. If they can be printed so as to give better results than the line cuts I will try to have half a dozen or more.

What have you to suggest respecting the paper on which this book is to be printed? I do not know whether you or some other fellow is to do the printing, but if you can do the highest grade of work I see no reason why you should not do this. You understand, I think, that the book is to be a sumptuous one, profusely if not lavishly illustrated. There will be at least 25 colored plates, 100 photogravures, and probably not less than 150 text figures in the first volume. The paper and press-work should of course come up to the high standard set for the book. As I understand it, the publishers expect you to electrotype everything as fast as we O.K. the page proofs, and the book will be printed entirely from the plates. I hope your foreman will exercise unusual care and diligence in seeing that every page is absolutely perfect before he allows it to be cast. I recommended your house in the face of considerable criticism from New York publishers; as a consequence I feel some anxiety as well as responsibility as to the result. Remember that in this work you are competing with the De Vinne Press. I found a strong feeling among New York publishers to the effect that your work was a long way from what they considered the highest grade, and I have to admit that there is some truth in what they say. The type you are using for our book is uncommonly clean and free from broken type, because it is new, but the spacing is very uneven, and the proof reading at your end of the line is not sufficiently critical.

Returning to the matter of paper: it seems to me that we want a

good rag-stock paper with a good surface for text cuts, of which there are so many, but absolutely without coating or gloss. Can we not get such a paper as this for 7 or 8 cents? If you happen to have the right sort of paper on hand I wish you would send me a sheet. It would be still better if you could strike off a few pages containing cuts on such a sample; then I could send a duplicate of it to the publishers.

You will of course send duplicate page proof to me and to the publishers. As stated early in the letter, it is of the utmost importance that the copy sent me should be mailed at the earliest possible moment. No one regrets this haste more than I do, and no one will ever know how I have been harassed during the past two months in securing the drawings for the text illustrations. However, 'all's well that ends well,' and I trust the book will come out all right and on time after all.

Very truly yours,

C. Hart Merriam

f-334
n-348

WASHINGTON, D. C.,
Aug. 2, 1900.

Dear Mr. Lanier:

A small batch of positives was received from Curtis yesterday and forwarded to you immediately by express. They are doubtless in your hands now. These positives are as follows: From Curtis negatives 198, Trees tumbled by glacier; 199, Scrub pines on bog at Wrangell; 233, Indian River; From Gilbert negatives 125, Mt. Edgecumbe from Sitka; 313, Part of Hubbard Glacier; From Harriman negative 8, Shoshone Falls; From Merriam negative 10, Shoshone Falls. The two latter are for the photogravure we decided on in New York the latter part of May, and I am sending you prints of the photographs herewith. Harriman's will have to be reduced to the size of mine to go across the page.

In view of the severe criticism we have had of the Curtis positives, I wish you would take the trouble to look at these yourself. With the exception of 199, which was a slightly foggy negative, I think you will agree with me that they are first class. They certainly seem to be very clear and sharp. All of these positives may be put at once in the hands of the photogravure man for reproduction. Prints of all of them are mailed you herewith in a separate package.

A somewhat difficult matter arises in connection with one of the positives sent you yesterday, namely, No.313, which shows a part of Hubbard Glacier. It forms half of the panorama with Gilbert's No.312. With prints of the two photographs (312 and 313) which I am sending with the others, you will find the negative of 312. The negative of 313

2--H.W.L.

If the photogravure man prefers to print, he can have the negative of 313 instead of making the print. It will come back in a week or two when Curtis has finished

is in Curtis' hands, hence the best I could do was to secure the positive of it. The photogravure man can have a positive made from the negative of 312, and have it toned to match the positive of 313 sent you yesterday. This should give him the material for his panorama of Hubbard Glacier. The picture will be a little long and narrow, but nothing like so narrow as the Columbia Glacier picture.

In the package, I have put a print of Curtis 200, 'Mountain near Wrangell Narrows,' which should go to Andrew for comparison with the photogravure he has just made of this same picture. The copy I am sending is a dummy of the album set, and is not by any means a first class print.

You will also find in the same package Gilbert's negative 212, and a print of the same, showing a snow-capped mountain ridge rising beyond the densely forested shores of the Inside Passage. This also is to be reproduced as a photogravure.

Spader is a jewel. He does the same type of work as Mrs. Keeler, and, being here where I can give him points for corrections night and morning, he is turning out some excellent things. He is a hard worker and a rapid worker.

In accordance with your suggestion, I gave our local photo-engraver a few of Spader's drawings. The cuts were so much better than I expected that I gave him a larger batch, and have this afternoon received proofs of the same and am forwarding them to you in the package with the photographs. Inasmuch as these cuts are fully as good as the best we have had made in New York, and as the utmost promptness is necessary in order to get proofs of all the drawings before I leave, I have just sent him all of the unreproduced drawings

3--H.W.L.

remaining in my hands, 21 in number. The cuts of these are promised for Monday morning.

You will be gratified to know that, having today received proofs of the remaining cuts for the first part of Burroughs' article, I have attached proofs of the cuts to the galley proof and have returned the matter to the New Era Co. for paging. The rest I will return immediately on receipt of the remaining proofs of the illustrations.

I hope to be able to get the remainder of the drawings from Spader in time to see proofs before I go, so that I may place all of the cuts in the articles by Burroughs, Muir, and Grinnell. You will have enough to do in getting these into page proof before my return. Grinnell expects to be back in New York on or about Aug. 15, and will read the proof of his article, and help us all he can with the other articles. He is the only person I can think of who can give us any real assistance in this matter. Stanley-Brown has expressed his willingness to help--particularly with the illustrations--but as he was not with us on the up-trip when we made the various stops, I fear he would not be able to put the cuts in the right places, if any remain to be labeled after I go. It would be well, however, to submit to him as Mr. Harriman's representative, proofs of all photogravures and colored plates received after my departure.

Very truly yours,

E. H. Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

L-303
H-380

WASHINGTON, D. C.,
Aug. 3, 1900.

My dear Professor Nutting:

On receipt of your letter of July 24 I wrote at once to Dr. Coe, of Yale, who is now at Woods Holl, Mass. In reply he writes me that he will forward his collection to you within a week.

As to the plates: we could handle a few in wash, but very much prefer ink line drawings, which may be reproduced by photo-lithography. Such drawings may be double the size desired for the reproduction, or even three times this size, and come out excellently by photo-lithograph. Wash drawings can be reproduced only by half-tone or heliotype. Half-tone is relatively cheap, but requires a glazed paper which has no permanence. We therefore do not use this process, but are obliged to heliotype such plates, which is a much more expensive process. It is necessary, therefore, to restrict the number of wash drawings, but we can give you all the photo-lithograph plates you want.

As to the form of treatment: in the zoological papers I think we shall give a full line to the name of the species with its authority, and put the synonymy below. My preference in synonymy is to begin a new line with each citation and print solid in 9-point type. You will see examples of this in Nelson's paper on 'Mexican Squirrels' in the first volume of the Proceedings of the Washington Academy of Sciences. You will find another style in a paper by Coulter and Rose on 'Mexican Umbelliferae' in the same volume.

Very truly yours,

C. Hart Merriam

Prof. C. C. Nutting,
Iowa City, Iowa.

WASHINGTON, D. C.,
Aug. 3, 1900.

L-326
H-382

Dear Coe:

Many thanks for your letter of the 1st inst. I am very glad to know that you will send Nutting your Hydroids as soon as possible so that he may have all the material available when he works up the group which he is now ready to take hold of.

You probably know that your colored plates are in the hands of Berthold Meisel, of Boston, who, if I am not mistaken, is by far the best lithographer in America for this kind of work. He does all of Agassiz' work, as you of course know. He has not yet sent me any proofs. I expect to start for California on Tuesday, the 7th inst., or at very latest on Wednesday; so there is no chance that I will see Meisel's proofs before I go. I shall be gone until about the end of September. I ~~will write~~ have written Meisel at once to send a set of proofs, with the originals, to you as soon as ready, so that you may make all necessary criticisms direct. In this way the stones will be satisfactory to you by the time I get back, and all I shall have to do will be to look out for the headlines and lettering. We always print a legend at the bottom of our plates in addition to the running headline. In the case of your plates, where so many species are shown on each plate, possibly the simple word 'Nemerteans' would answer. Or have you something better to suggest?

You had better notify Meisel in season before you leave Woods Holl, so that he will not send the plates there after you have gone back to New Haven. I have given him your Woods Holl address.

Very truly yours,

C. Hart Merriam

Prof. Wesley R. Coe,
Woods Holl, Mass.

L-219
N-387

WASHINGTON, D. C.,
Aug. 3, 1900.

Mr. Berthold Meisel,

99 Broad St., Boston, Mass.

Dear Sir:

I expect to leave here for California on the 7th inst., to be gone until the latter part of September. I regret that you were unable to send me proofs of the 'Nemertean' plates you are now making, before my departure. If you finish them in the near future, please send them, together with the originals, to Prof. Wesley R. Coe, Marine Biological Laboratory, Woods Holl, Mass. He is the author of the paper they accompany, and will make the necessary corrections if any are needed, so that they will be all ready to print on my return. The running heading 'Proc. Wash. Acad. Sci., Vol. II' should agree as closely as practicable with that of the enclosed plate.

The numbers for the plates I cannot give you until the plates are ready for printing, because we are printing papers all the time, and the numbers these bear will depend entirely upon the date when they can be delivered.

Respectfully,

C. Hart Merriam -

WASHINGTON, D. C.,
Aug. 3, 1900.

L-342
N-35-2

Dear Mr. Lanier:

Your letter of the 2d inst. is at hand.

I trust that ere this you have received the photographs which match up with the last batch of positives you mention. The package also contained the prints for Andrew.

The four photogravures from Elson arrived today, and I am returning them herewith, with the corrections marked thereon. The one of the deserted village is a little indistinct, particularly the totem-poles; if he can strengthen these it will do very well. The two pictures of Eskimo topeks at Plover Bay need very little correction. The one showing a single large topek, with a large sealskin on a drying frame behind it, is worthy of special attention in connection with our recent correspondence regarding the Curtis positives. Curtis wrote me that this was the poorest positive among the entire lot he had made for us, and that he would have made a duplicate except for the fact that he dropped and smashed the original negative.

The poorest of the 4 Elson photogravures is the one showing an Indian log hut; this has been spoiled by trimming, as you will see at once when you compare it with the original. The tree on the left which has been cut off adds enormously to the artistic effect of the picture. If the positive is not satisfactory I think an excellent photogravure can be made from the accompanying print. You will remember that Elson's original samples, which were excellent, were made from photographs decidedly inferior to this one. Of course it should

2--H.W.L.

be reduced to the size of our page, but should not be trimmed on either end.

The lettering strikes me as all right, though I do not like the uneven size of the two loops in the 'B' in Bering Sea. The question arises in this lettering, as to whether the cap initial letters look as well as a little larger type ~~of all~~ small caps would; use your own taste in this matter.

The Gifford 'St. Elias' picture which came in the last batch of lithographs is merely a cloud effect affair and has nothing to do with the picture I refer to, which shows the mountain in the range. It has been in somebody's hands for reproduction a very long time, and I have seen no proof of it. You will remember it when I remind you of the circumstance that I took it to Mr. Harriman's the day we called on Gifford and Dellenbaugh, and that I sent it to you by messenger, along with a small water color, for you to make the selection. You rejected the water color, and kept the larger oil painting. I have not seen it since, but I have a suspicion that the picture in the last CENTURY is really taken from a part of the oil painting under consideration.

I have no duplicate proof of Gilbo's first proof of the Barry Glacier from my negative 140, but I have one proof in the set, which I will send you with these. I shall be glad to have it back, as it is a very beautiful reproduction in everything but the upper part of the fog, which was cut away. It shows the pillars which form the sides of the great cave below the water, better than any other picture I have seen.

In the package of photographs and photogravures I am returning

3--H.W.L.

herewith I have put several more proofs of line cuts, received today from the photo-engraver.

Your remarks in a preceding letter with respect to the woodcut matter surprised me very much, for our people here use woodcuts in preference to zinc or copper when they can get them. On receipt of your letter I consulted our editorial department, and they say that woodcuts, and electrotype plates containing woodcuts, if properly overlaid, give very much better and clearer pictures than zinc etchings. The lines are clearer and more sharply cut, and the light effects more delicate. I also wrote to the New Era Company and asked them if woodcuts could be run successfully in the text along with zinc etchings. Their reply I enclose herewith.

Very truly yours,

E. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

S. 348
M. 366

WASHINGTON, D. C.,
Aug. 4, 1900.

Dear Mr. Lanier:

After having strained heaven and earth lately to get the necessary cuts in time to have the Burroughs proof paged before my departure, I was completely upset by word from the New Era people that they had not, at 4 p.m. yesterday, received any blocks at all from you. I wired you to this effect this morning. I am utterly unable to understand the reason, inasmuch as I have called your attention to the necessity of sending the cuts to them in at least three different letters. I fear now that, owing to what appears to be a most lamentable blunder in your office, the whole work will have to come to a standstill until my return. There is still a possibility, however, that if you shipped the blocks by express this morning they may reach the New Era people in time to allow them to make up into pages on Monday, in which case I may receive page proof before I leave on Tuesday.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

S. 358
M. 35-6

WASHINGTON, D. C.,
Aug. 4, 1900.

Mr. A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Very many thanks for your letter of the 3d inst. about the Alaska book, and also for the accompanying batch of galley proof, on which I am now at work. I hope to return this proof to you on Sunday or Monday, with proofs of all of the cuts in place. I shall also return the remaining copy which you were good enough to send with the proof, so that you will have the thing complete with places marked for all of the illustrations.

I was overwhelmed with amazement at your statement that you have not received the blocks from Doubleday, Page & Co., and wired them to this effect at 8 o'clock this morning. They have doubtless sent them to you today, and I still hope they may reach you tonight or early Monday morning, so that it may be possible for you to page the matter Monday--in which case I can receive it Tuesday.

In the matter of running heads, I would recommend putting the name of the author at the top of the left-hand page, the subject contents of the page at the top of the right-hand page. Use small caps for running headings, and make your subject catch-titles as brief as practicable. The title of Burroughs' article, which forms the first chapter of the book, is NARRATIVE OF THE EXPEDITION. Since the publishers have not sent me a cut of the railway train which is to go

at the head of the first page, I do not know whether the title should go above or below the cut, or whether the make-up will have to be such that it cannot go here at all, in which case it would have to stand alone across the middle of the preceding page--which would not look well. You will have to use your judgment about this when you receive the cut.

By the way, I wired you this morning immediately on receipt of your letter, asking you not to try to page the matter until you had these cuts--otherwise no end of changes might be necessary. The chapters will not be numbered, but will bear distinctive titles, each by a separate author.

Please tell me if the cuts you refer to as roughly finished are the ones of which I sent you the blocks, or the proofs of which you have not received the blocks and which are in the hands of D. P. & Co. I will speak to the engraver here who is now making the remainder of the cuts for me, about trimming them as close as possible. It is not clear to me from your letter whether you examined those sent and found them lacking in this respect.

As to your inquiry about the printing for this book while I am gone: I expect to leave matters in such shape that you can go ahead and set up the remainder of the Burroughs article, and the following article, which is by John Muir on 'Glaciers,' and get this matter into pages; but it must not be electrotyped until I have seen it. I will write you about this before I go. By sending me a galley proof to San Francisco, some time may be gained. I am cutting short my trip so as to be back before the end of September.

Very truly yours,

C. Hart Merriam

L. 316
N. 35-9.

Washington
Aug. 5, 1900

Dear Stanley-Brown:

I take Saturday, the artist, to your house Friday, and he draws the Sherman's bubbles, rotten and thick me selects. You correct said you fixed it. Tell her we were coming, but as she knows me she let me in. I felt a little awkward about it, but couldn't think of any other way to get the picture in advance.

Will you please send Mahler a postcard for the height of buttermilk falls & let me know. I shall be home till Wednesday the 22 inst.

Yours Sincerely

WASHINGTON, D. C.,
Aug. 6, 1900.

Dear Fuertes:

Thanks for your trouble about the puffins' heads. After looking at your dummies and the various positions you suggest, it seems to me that by far the best way will be to arrange both these heads natural size, on a plate 5 x 7½ inches, as you suggest. This makes the best looking picture as a whole, and shows all of both heads. It will also leave at least ⅛ of an inch--perhaps more--between the heads so that they need not look too crowded.

In cases where the area of the illustration fills the plate solid, it looks badly when it is a little too big; but in cases like the present, where only a small part of the area of the figure protrudes beyond the proper size of the page, it looks all right.

Please send the plate direct to Lanier, as I shall be on my way to California before it could reach me.

With best wishes,

Very truly yours,

C. Hart Merriam.

Mr. L. A. Fuertes,
Ithaca, New York.

WASHINGTON, D. C.,
Aug. 7, 1900.

S. 35-2
N. 364.

Mr. A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Your letter of the 6th inst. reached me early this morning, along with the first batch of paged proof of the Burroughs article, with space left for the cuts which you had not received.

So many things seemed in danger of being left at loose ends that I decided to stay over until the 10 o'clock train Thursday morning, when I shall leave for California without fail. I am rather hoping that this delay will enable you to send me proofs with the cuts in place. I will return the page proof with the running headlines indicated as far as the matter goes.

As to the sub-titles, I agree with you in preferring small caps with initial caps, but I am wondering if you have not some style of type that would look a little better for these sub-headings than the small caps of the same style we are using. Probably you have. Tomorrow I will send you a lot of material with as full explanations as possible.

If you have anything to send me, or any questions to ask, on or before the 13th inst., you might address me 'Big Trees, Calaveras county, Calif.' After the 13th inst., and thence on until the 10th of September, address me 'California Academy of Sciences, San Francisco, Calif., but do not expect an early reply, as I shall be in

2--A.H.H.

mountains for two or three weeks after leaving Big Trees.

During my absence, all matter relating to the Washington Academy of Sciences should be addressed to my Chief Assistant, Dr. T. S. Palmer, Department of Agriculture, Washington, D. C.

Very truly yours,

C. Hart Merriam

WASHINGTON, D. C.,
Aug. 7, 1900.

S. N.

Dear Mr. Hudson:

When you were here this afternoon I forgot to ask you to give your drawings of the three masks and the Indian rattle to Mr. Lanier, of Doubleday, Page & Co., 34 Union Square, New York. They are likely to be needed for reproduction in Grinnell's article before I return; hence I shall be obliged if you will give or send them to Mr. Lanier as above.

Very truly yours,

E. Hart Thurston

Mr. C. B. Hudson,
~~47 West Twelfth St., New York.~~
10 - Ninth St. SE.
Washington, DC.

WASHINGTON, D. C.,
Aug. 7, 1900.

L. 33-N
N. 361

Dear Stanley-Brown:

Many thanks for your letter of the 6th inst. The telegram about Harriman's negative No. 8 was also received, but owing to the pressure of other matters it was neglected. I shall be obliged if you will send it to Lanier. This reminds me: when the negatives come back from Curtis--if they do come back before my return--please do not distribute them, as several are badly needed at my end of the line. This applies to negatives belonging to several different people--Averell, Devereux, and Harriman. However, they may be in Gilbert's hands when I return; if so, it will be all right.

As to the letter you enclosed from Lanier: I quite agree with him, that the publication as magazine articles of well selected chapters from the book would help advertise the book and would be a good thing for us. I really see no objection to this. It seems to me, however, that in each case the benefits of the magazine publication should accrue to the author, and that it would not be right to publish an article in a magazine without first obtaining the consent of the author. Lanier's letter is returned to you herewith.

I enclose also Mrs. Keeler's receipt for the June batch of drawings, and unpaid bills for one woodcut and 3 batches of drawings, as follows:

Williams, woodcut, $25.00
Hudson, 7 pen drawings, $56.00
John Ridgeway, 8 drawings, and retouching others, $37.50
E. H. Baldwin, 7 drawings, $37.00

Each of these bills has the address of the artist, and I shall be

obliged if you will kindly have checks sent to the individuals, as I shall not be here to distribute them.

Owing to an accidental delay in sending the text cuts from the publisher to the printer, I was not able to receive text proof of Burroughs' article yesterday, as expected. After considerable wiring in both directions, I have decided to wait over until the 10 o'clock train Thursday morning, the 9th inst. This will enable me to pass upon the first batch of paged proof containing the cuts.

I have requested Mr. Lanier to send you hereafter proofs and photographs of all photogravures, so that you may be able to pass upon the same during my absence.

It seems to me that there should be no difficulty now in printing the remainder of Burroughs' article,and also Muirs, before my return, and it may be possible also to put Grinnell's in type. Grinnell expected to be back at his office the middle of this month, in which case he will be able to look after the arrangement of the cuts for his article on the Indians.

Very truly yours,

E. Hart Merriam

J. Stanley-Brown, Esq.,
120 Broadway, New York City.

WASHINGTON, D. C.,
Aug. 8, 1900.

L. 35-9
N. 375.

Dear Stanley-Brown:

Many thanks for your telegram giving me the height of Multnomah Falls; also for your telegram this moment received respecting the Indian articles from Alaska. Yes, the second box finally came--though some days after you were here. I neglected to notify you, as you were in Ohio at the time.

I have made the following disposition of the material in these boxes: Certain specimens from both boxes are now in the hands of artists. The remaining specimens have been repacked in two separate boxes, as received, and are in Dr. Fisher's hands awaiting instructions for shipment. The one which came from Mr. Harriman's house I have had addressed to Mr. Harriman at 1 East 55th St., New York. If you will kindly notify Dr. Fisher (addressing him: Dr. A. K. Fisher, U. S. Dept. of Agriculture) where to ship both boxes, he will start them immediately. I suppose the second one, containing the oil-box, goes back to the New York Zoo, and that the first goes back to Mr. Harriman's house. However, you will let Fisher know about this, and he will do the rest.

C. B. Hudson, artist, is drawing four small masks from the box which came from Mr. Harriman's house. He will return these to you at 120 Broadway, New York, in about three weeks, unless you advise him to the contrary. His present address is 10 Ninth St., SE, Washington, D. C.

A batch of odds and ends from the N. Y. Zoo box I have sent by

2--J.S-B.

express to W. E. Spader, 190 Twelfth St., Brooklyn, N. Y. He will draw these during the next two weeks, and will make such disposition of the specimens as you may direct. He (Spader) has been here drawing for us for the past ten days, and has done admirably. He has made a great batch of drawings which set us ever so far ahead. He is by all odds the best man we have struck. His work is of the same character as Mrs. Keeler's, but he has had more experience in reproduction, and knows how to make lines which come out stronger in the cuts. If I could have had him a month ago, I should have been in California some time since. By the way, Muir writes me that he will go with me on my trip across the Sierra next week.

I am returning to the printers tonight all of the Burroughs stuff with nearly all of the cuts in place, and have arranged for the correct placing of the few remaining cuts not yet drawn.

As I think I told you before, I have requested Lanier to send you proofs and photographs of all the photogravures. This will be a great help. Lanier is all right, but is inclined to be a little lax in criticism: I mean by this that he is likely to accept work which is not quite up to our standard. I know that some of the positives are not first class. At the same time, most of them give good reproductions if we insist on it.

The main complication in the near future is with respect to the numerous drawings of Indian trinkets for Grinnell's article; and since Grinnell is to return to New York about the middle of this month I have put the whole matter in his hands, so that he will be responsible for the correct placing of his own cuts, and--what is perhaps more to the point--will have to see that he has text to match the

3--J.S-B.

cuts where they fall in pretty thick, as they do in places.

While I am gone I can probably be reached about as follows: By mail, at Big Trees, Calaveras county, for letters leaving New York not later than Aug. 12; by mail, at 'Academy of Sciences, San Francisco, Calif.,' for letters leaving New York between Sept. 1 and Sept. 8; by wire, at Academy of Sciences, San Francisco, Aug. 13, and Sept. 10 to 15.

Enclosed you will find a bill from Wm. W. Greene for stenographic services and typewriting, amounting to $37.10. Please send check to him, care Department of Labor, Washington, D. C.

I paid $2.00 express charges on the two packages of Indian things sent me from New York, and 55 cents on the stuff I sent Spader to Brooklyn; also 65 cents on a package of positives from Curtis, making $3.30 express charges. I am enclosing a memorandum for the same, together with amounts paid by me for telegrams and postage since last settlement. I also send a bill herewith from the Maurice Joyce Engraving Co., of this city, for $66.00.

I forget to say that I sent you yesterday by express a package of specimens for Kincaid, and shall be obliged if you will have it franked to him by express at Washington University, Seattle.

With best wishes,

Very truly yours,

C. Hart Merriam.

J. Stanley-Brown, Esq.,
120 Broadway, New York City.

PS The camel horse head came back to me after the ... so packed, so I will leave it in my

WASHINGTON, D. C.,
Aug= 8, 1900.

L. 356
M. 389.

Mr. A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

I am sending in a package, with material for the Proceedings Washington Academy of Sciences, the remaining unset copy of Burroughs' article, marked for the rest of the cuts, and am returning both page and advance galley of this article; so that when you receive this package you will have the Burroughs stuff complete.

You will also find in the same package copy for the next article in the Harriman Expedition book, which is entitled 'Notes on Glaciers,' by John Muir. You will observe that in both the Burroughs and Muir articles I have indicated on the margin the places for the few cuts of which proofs are not yet at hand. These proofs should be attached by Mr. Lanier, of Doubleday, Page & Co., when you send him the galley proof. The drawings have just been made, or are being finished, and the cuts should be ready before the proof reaches D. P. & Co. Hereafter, until my return, send all proofs of the Harriman Expedition book to Doubleday, Page & Co., 34 Union Square, New York.

The first page of the Harriman book is troublesome, but I think your plan of putting 'ALASKA' in big type in the open space at the top of the cut, and Burroughs' special title below with a new initial letter, will be the best way out of the difficulty; only I would not

2--A.H.H.

leave so much space between the bottom of the cut and Burroughs' title. It seems to me this page is a little long to look well. I have sent a copy of it, with comments, to Mr. Lanier, of Doubleday, Page & Co., who will advise you further with respect to it. It strikes me that a couple of lines could be turned--to advantage.

In the package with the other things you will find a batch of blocks covering all of the proofs which have been engraved here in Washington. You have received the others from New York, so that the only ones remaining are the few only just drawn but which will be sent you from New York in a few days.

The initial 'W' on the first page will have to be cut off, I think, and a new one substituted, as you suggest.

I wrote you yesterday that letters written me up to Aug. 12 should reach me at Big Trees, Calaveras county, California. In case of urgent need of connecting with me, a telegram on Aug. 13 would reach me addressed to 'Academy of Sciences, San Francisco, Calif.' Mail leaving Lancaster Sept. 1 to 8 would probably reach me at Academy of Sciences, San Francisco. This is the best I can do. I hope to be back by Sept. 25 or 28.

Very truly yours,

C. Hart Merriam.

WASHINGTON, D. C.,
Aug. 8, 1900.

B. 3 5-2
M. 3 7 1.

Dear Mr. Lanier:

Spader returned to New York today, after having made for us a fine lot of drawings. He is by far the most satisfactory man I have come in contact with for this sort of work. He has worked hard and done well. It has been the greatest kind of a help to have him here where I could talk with him about particular points which needed emphasis, and where he could make in a few minutes the desired corrections after the drawings were done.

I sent you by Spader the first page of the Burroughs article, with suggestions as to how it may be fixed up. Spader will talk the matter over with you, and you will of course make the decision and act accordingly. If necessary, I think a couple of lines can be run over. It would not be difficult to cut out a line or two in the first two or three pages.

I sent you this morning by express the two remaining colored drawings of Fuertes, one a Sabine's Gull, the other a Kadiak Pine Bullfinch--both superb studies. Fuertes will send you direct his painting of Puffins' heads. These three complete the series not yet given out, and you will dispose of them as you think best. I sent also the galley proof and copy of the second batch of Burroughs' paper. The third and last batch will be sent you later by the New Era people. I am also sending the New Era people the copy for Muir's article with proofs of the cuts attached, and the places indicated for cuts not yet made. Spader will tell you in the morning that he

has a number of drawings in hand for the Burroughs and Muir articles which he will finish as early as possible.

I shall leave in a bundle to be sent you by my assistant in the morning the proofs of illustrations received today, and also the page proof of Burroughs' article as far as I have received it.

As previously stated, I have indicated on both the Burroughs and Muir manuscripts the places where cuts are to go. Spader has the drawings--or will have them shortly--so that there need not be much more delay. I should like to see one proof containing the cuts in place, to be sure that they are rightly placed and that the legends are correct.

Among the outstanding drawings which are being made by Spader and Hudson are some Indian things for Grinnell's article on 'The Natives.' These drawings will be turned in to you for reproduction, and I shall be obliged if you will send Grinnell proofs of them to insert in the proper places in his manuscript.

My possible addresses are as follows: by mail, at 'Big Trees, Calaveras county, Calif.,' for letters leaving New York not later than Aug. 12; by mail, at 'Academy of Sciences, San Francisco, Calif.,' for letters leaving New York between Sept. 1 and Sept. 8; by wire, at 'Academy of Sciences, San Francisco,' Aug. 13 and Sept. 10-15. I expect to be back Sept. 25 or Sept. 28. Muir has wired me that he will go with me on my trip across the Sierra.

The proofs of photogravures mentioned in your letter of yesterday have not come to hand, but may reach me before I go in the morning; I go on the 10 o'clock train. If they do not come I will leave directions to have them returned, and you had better send them to

Stanley-Brown for criticism. He will look over all of the photogravures during my absence.

Your letter of yesterday intimates that you think I still have material for color reproduction. I sent you the last today in the Fuertes drawings. All of the photographs worth attempting in color were sent you some time ago, and I believe you sent them all to Andrew.

I fear it will not be practicable to give out any more of those positives before my return. I ordered a number of additional ones from Curtis which have not yet arrived, and also asked for a number of negatives to be used in couplets in connection with some of those for which you now have positives. So many of my prints are absent, and the whole affair is in such an unsatisfactory state, that I do not see how we can do anything before my return, at which time I trust we shall have all of the positives ordered and also all of the returned negatives. Some of those you now have will not be used at all, and a few of them are intended for papers in the next volume.

Grinnell expected to be back about the middle of August, and will be the most helpful man you can call on in case of difficulty when I am gone. The only difficulties I foresee are in the matter of possible doubts as to the proper placing and labeling of cuts--not having them all made at the present time. You can always reach Grinnell at the 'Forest and Stream' office, New York.

Wishing you a pleasant season, and trusting that you will keep in good health, I remain, with best wishes,

Very truly yours,

E. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square, New York.

WASHINGTON, D. C.,
Aug. 8, 1900.

S 213
12417

My dear Grinnell:

At 10 o'clock in the morning I leave for California, to be gone until about the end of September. I have treasured up your kind offer to take hold of the book matter and help as much as you could during my absence, and I remember that you threatened to come back about the middle of August. This fits in very nicely.

The present status of the book is this: Most of the Burroughs article is in type; the remainder will be in type in a few days probably, and will be followed by the Muir article, which in turn is to be followed by the Grinnell article on 'The Natives.' Most but not all of the cuts for these three articles have been made. In the case of the Burroughs and Muir articles, I have attached proofs of the cuts in their proper places. A few drawings remain to be made, and I have indicated the positions and legends for these as well as practicable at the present time, and have told Lanier, of Doubleday, Page & Co., to call on you in case he gets in trouble. You will know what ~~the~~ things are, and where they belong. There is ~~no~~ one change of name which I should explain. Gilbert and Dall, after a tedious investigation, have come to the conclusion that the glacier we stopped to investigate at the base of the Fairweather range on our way north is after all the LaPerouse, and not the Crillon.

Now as to your article: I am sending you your own manuscript, and proofs of all the cuts for your article which I have had made up to the present time, and I think you will find there are plenty of

2--Dr.G.B.G.

them. A few more, however, are in the hands of artists. Some masks and a rattle are being drawn by C. B. Hudson, who will turn in his drawings for reproduction to Doubleday, Page & Co., as soon as they are done, and they will send proofs of the cuts to you. Other Indian masks and trinkets are in the hands of another young artist, W. E. Spader, who will submit the drawings to you for criticism and will then turn them in to Doubleday, Page & Co., who will have cuts made and send you proofs. When these two lots are done, which will be shortly, you will have all of the illustrative material for your article except the full-page plates, which we will arrange later. Your paper will be the best illustrated chapter in the book.

I have also set Hudson at work making some drawings for your salmon article, from the photographs we selected at the Fish Commission. The best of these drawings is being reproduced by photogravure --the others in pen work. As this article will come later, we will still have time to secure additional illustrations.

It will be difficult to reach me while I am gone, but I may be reached probably as follows: by mail, at 'Big Trees, Calaveras county, Calif.,' for letters leaving New York not later than Aug. 12; by mail, at 'Academy of Sciences, San Francisco, Calif.,' for letters leaving New York between Sept. 1 and Sept. 8; by wire, at 'Academy of Sciences, San Francisco,' Aug. 13, and Sept. 10-15.

Trusting that you have had a successful time in the field, and that you have laid up a store of strength for the coming season, I remain, with best wishes,

Very truly yours,

C. Hart Merriam

Dr. George Bird Grinnell,
'Forest and Stream' office,
New York City.

Sept. 30, 1914

Dear Mr. Lewis:

Your letter of the 28th and proofs of proofs, we came yesterday, and I have waited about a hour in the vain hope that we can get done. Several more mistakes were have been noticed which will necessitate resetting a number of pages. Several of the articles stamped, who surely would not have objected if proofs could have taken in showing it by the printer I left, or if the sheets had been shown to Emmell.

I cannot understand why the galley proof of the Kline article was not sent me as requested. Now one of 2 things must be done: either run over hastily the whole of it, or have new drawings made to fill the places now occupied by worst ones.

Original Defective

I cannot write about the Riddles in Burroughs and hurry today, but shall be obliged if she will return to me at once the corrected proofs of Burroughs article which I sent you and the printer just before leaving Wednesday.

Knight has been in to see me and the new I saw this for painting. Please return to him at once as he can correct the first + complete the painting before he goes to the Coast. He was going Wednesday, but promises to stay until the job is done.

Please send me proofs for lettering all the photogravures lettered since I left. In the flash giving 2 views of Harriman series such as — just sent me there is a comma between the title and parentheses, which must of course come out.

You did not send me pages 1–110 of Burroughs which I must read at once before beginning the check up the cast plates. I did not affirm as much until it was in so short a time. Take great care however.

Sept. 30, 1901

Mr. E. H. Harriman
New York City.

Dear Sir:

Both in respect to the Alaska book you appear to misapprehend the situation. D.P.+C. is publishing but have nothing to do with proofs, make up of cast when arranged by me to suit during absence. I am sitting and all proofs should be sent me for reading + O.K. and nothing should be sent until by me. Duplicate proofs should go to them.

During my absence all sorts of articles have appeared and several cuts in Burroughs article have been transposed or misplaced. This will necessitate a lot of hard work before we can get ahead.

I should like to see your second make up + first proof before you send it. I have in touch of ff. 1+2.

Original Defective

The cuts in the Mount Geikie article appear to be somewhat belied up, particularly those of Stainken Glacier. Will go into details later - If this proof had been sent me to edit as regards I much should have been saved here

C. Hart Merriam -

P.S about the articles in the Mach. Acid. Soc. which are to appear in the Alaska Book: My intention is to reprint from electrotypes, as I note you, without change except of pagination and plate sequence.

Original Defective

8.3.1
H.383

Washington, D. C.
October 8,1900.

Dear Stanley-Brown:

Thanks for your letter just received, inclosing one from Lanier, which I herewith return.

Mrs. Harriman did not mention the subject of the edition de-luxe when I was at Arden. Nor was it spoken of by anyone during my visit so I have no new information. Lanier claims that while the cost of such an edition would involve a considerable additional expenditure, the high price received for each copy would soon pay for it and leave a liberal margin for profit. I believe he is right. It seems to me that it is desirable to obtain from Lanier a definite estimate of the cost before making final decision.

Hudson has just returned to me the four Indian articles in his possession, and I will send them,along with the carved vertebra which I have, to Mr. Harriman's house today, charges prepaid. The 2 boxes also go today. The drawings Spader made were from the New York Zoo box as stated in my letter, and as correctly quoted by you. You made a little mistake toward the end of your letter, but I will forgive you if you never do it again.

Very truly yours,

E. Hart Merriam

Mr. J. Stanley-Brown,
120 Broadway, N. T.

L 371
N 381

Washington, D. C.,
October 8,1900.

Dear Mr. Lanier:

After a good deal of work I think I understand the situation sufficiently to return a batch of photogravures, and to reply to your inquiriss respecting a few other matters.

1. Hoen: I enclose his letter of September 22 respecting the Bear plate and other matters. It is encouraging to know that the work he has in hand is so well along toward completion. I am a little at a loss to know what he means by the "glacier plate received direct from Dr. Merriam" unless it is a view in College Fiord which he was at work on last spring.

2. The Heliotype Company: Inclosed is Cockayne's letter of September 27 regarding samples of paper. I agree with him that the sample marked No. 1, is by far the best, and should be used for the illustrations he is making.

3. The Bear: The water in the foreground of the bear picture is rather too much of a dark brown, but this I think can be easily remedied. The sides of the head are a little too ochre-yellow, and the hind feet seem to run together. The right hind foot needs bringing out. These details can doubtless be remedied in the second proof. The bush in the right hand corner should be fixed up in some way; it is very poorly done and looks blurry and coarse like a cheap chromo. Apart from this I think the picture is very satisfactory. The texture of the fur is very good. It is hard to criticize more in detail in the absence of the original painting for comparison.

4. The Fox: The Fox painting is finished. Knight has changed the front legs, has cut down the big ears, and corrected the color to

L.--2

conform with the specimen. He says the picture will be dry enough so I can send it to you with the others ~~in the morning.~~ today.

5. Hudson's Pictures: Hudson has had a hard time with our work owing to the large amount of work he has had to do for the Fish Commission. He has not drawn the Indian trinkets he had for Grinnell's article. This will not matter, however, as Grinnell's Indian paper is already profusely illustrated. Hudson has finished five line pictures to accompany Grinnell's article on Salmon fishing; these you will find in the package. Please have them reproduced and the proofs sent to me at your convenience. Hudson has also made two splendid paintings of sealions, which you will find in the package. One is of an old bull on a rock in the surf, surrounded by females; the other is a stampede of sealions at Bogoslof Volcano, witnessed by Mr. Harriman, and mentioned by Burroughs. Mr. Harriman was greatly interested in these sealions and I am sure he will be pleased with the illustration. To reproduce these two paintings, I suppose they must be photogravured or heliotyped.

6. Spader: Gilbert writes that he will return on Thursday. I shall be glad to see Spader as soon as practicable thereafter. I am holding his drawings that you sent me in order that he may make a few minor corrections when he gets here.

7. Gifford and Dillenbaugh: Have I seen proofs of all of their paintings that have been reproduced for the book? I have not found Mount St. Elias among them, and if I am not mistaken several are missing.

8. Lettering for the Bird Plates: This I am having prepared and will send you tomorrow.

L.--3

9. Color Photogravures: What has become of them? I have seen no proofs. If I remember rightly we decided to have four. If they are too expensive for the regular edition, then it seems to me that we should have ordinary photogravures of at least 2 or 3 of them.

10. Photogravures: The 4 proofs of lettering from Elson I return herewith O. K'd. I have also O. K'd three unlettered photogravures which are returned herewith; and have rejected two--one of Dutch Harbor, Unalaska, the mountains of which are abominable; and one of Fort Wrangell, in which the mountains behind the old fort have been monkeyed with. The fog in the original picture should be reproduced and not replaced by imaginary sod. As a matter of fact the whole top of the mountain was covered with snow, part of which was hidden by the fog. The form of this snow in the reproduction is completely changed.

The picture of the hut on Wood Island I have O.K'd although it has been much injured by cutting off the bottom half an inch above the mark made by me on the original. I also return another picture marked for lettering: it is the one showing two lengthwise pictures, one of Kenai Peninsula, the other of Alaska Peninsula.

11. Lettered Photogravures from Andrew: These are in the main satisfactory. The one of Serpentine Glacier is labeled 'Seppentine'. The Gulls on St. George Island are credited to Townsend. I received the photograph from Stanley-Brown and supposed it was taken by Chichester. Please ask Stanley-Brown about this. In the double picture of Sitka Indian Huts, would it not be well to insert a line under the top picture: 'Indians mending canoe.' ? One of the views of Harriman Glacier is wrongly labeled "Yale Glacier, College Fiord". I return it herewith along with the photogravure of Yale Glacier which was made

L.--4

before I went away. The photogravure of the boat party in Lowe Inlet is far too poor to go in the book and must be rejected unless much better prints than the one just received are furnished. The one of Hubbard Glacier is likewise abominable. I am sure a far better result can be obtained from Gilbert's negatives. The water, and also the edge and top of the ice, should be much lighter.

In the picture of the sealion drive at St. Paul the fence should be removed.

What has become of the proofs of lettering of the photogravures made by Gilbo before I went away ? I would like to see these as early as possible.

Did you not say that you sent with the fox some proofs or other matters intednd for for me ? If so, what has become of them ? Perhaps Hoen has them.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,

Doubleday, Page and Co.,

New York City.

I am sending you by express today:

a. Knight's fox
b. 2 paintings of sealions for full page plates (Hudson)
c. 5 line drawings by Hudson for text figures.
d. 4 Elson photogravures O.K'd for lettering
e. 3 O.K'd photogravures.
f. 2 rejected photogravures with wing of Stanley-Brown
g. 1 double photogravure marked for lettering.
h. Proofs of Harriman and Yale Glaciers for correction of lettering
i. Returned letters from Hoen and Cockayne.

In many of the photogravures the word photograph is omitted at the foot of the author's name. The makers should rectify this.

S 345
N.

Washington, D. C.,
October 9, 1900.

Prof. C. C. Nutting,
University of Iowa,
Iowa City, Iowa.

Dear Professor Nutting:

On returning from California a few days ago Dr. Palmer gave me your letter of August 13, which has been followed by yours of the 5 instant. It is gratifying to know that the collection has turned out so well.

In the matter of nomenclature I would by all odds adhere to the American Ornithologists' Union Code as the simplest and best course. Now as to the illustrations: The publishers pay for no illustrations—neither for the original drawings, nor the reproductions. All expenses of illustrations which are not provided for by authors are paid for by Mr. Harriman personally. In the case of authors who accompanied the expedition, the plates illustrating their papers have been, with one or two exceptions, been furnished by the authors themselves. In the case of outside specialists, working up collections made by the expedition, Mr. Harriman has in two instances provided for the drawings. If you will kindly send me an estimate of the cost of those drawings I will see if they cannot be paid for in the same way. In arranging the drawings on plates for reproduction, can you not place the wash drawings together so that only a few need be reproduced by the expensive processes of the heliotype and photogravure companies, leaving the others to be photo-lithographed? If you will kindly inform me on these points I will reply at once.

With best wishes,

Very truly yours,
C. Hart Merriam.

S 376
N. 383

Washington, D. C.,
October 9, 1900.

Dear Mr. Lanier:

In looking over the lettered photographs just received, I find several from photographs furnished me by the U. S. Fish Commission. These are credited to Miller, a photographer formerly employed on the Fish Commission Steamer 'Albatross'. The officers from whom I obtained the photographs requested me to have them credited to the U. S. Fish Commission. This correction must be made. The credit line should read--Photograph by U. S. Fish Commission.

Very truly yours,
C. Hart Merriam.

Mr. H. W. Lanier,
New York City.

D. 341
M. 390.

Washington, D. C.,
October 9, 1900.

Dr. Wesley R. Coe,
Yale Biological Laboratory,
New Haven, Conn.

My dear Coe:

What has become of you and your worms ? Did Meisel ever send yo thos lithographs ? If so, were they as beautiful and satisfactory as you expected ? I have just returned from California and thought I would drop you a line before stirring up Meisel. Has Professor Verrill finished his report on the Echinoderms ?

Very truly yours,

C. Hart Merriam.

D. 375
M. 398.

Washington, D. C.,
October 9, 1900.

Dear Stanley-Brown:

Enclosed are two bills for original illustrations, which I have approved. One of these is for Knight's fox painting, amounting to $100.; the other for Hudson's paintings and drawings to date, amounting to $95.00, all of which are satisfactory. All of these I have today sent to Lanier for reproduction. Knight has put a new set of legs under his fox, has cut the big ears down about half, and has corrected the original painting in other ways so that it is now an excellent picture of the beast and will be a handsome addition to the book. Hudson's sea-lions are stunning. One of them is a composition from some of your photographs; the other, from my Bogoslof herd. The pen drawings in this batch of Hudson's are from large Fish Commission photographs, and are for Grinnell's article on the Salmon fishery.

Very truly yours,

C. Hart Merriam.

Mr. J. Stanley-Brown,
New York City.

S. 383
N. 392.

Washington, D. C.,
October 10, 1900.

Dear Stanley -Brown:

I am afraid so much railroad business is affecting your head! I returned all of your negatives last summer before going west. Most of them I gave you in person ten days or so after borrowing them. The few remaining ones I took to your house and returned to the shelf in the small bedroom where you told me to put them. I never had any of your lantern slides.

Enclosed is my receipted bill for July, which I found with check awaiting me on my return.

Very truly yours,

C. Hart Merriam

Mr. J. Stanley-Brown,
New York City.

f.138
M.388.

Washington, D. C.,
October 11, 1900.

Dear Mr. Lanier:

Your letters of the 9th and 10th are at hand, together with proofs of the five Gilbo photogravures for captions. These I have written and am returning the batch herewith. I have also received today, from you, a batch of miscellaneous proofs of the colored lithographs. No one in my office knows anything about the Snowflake picture, and I should be greatly obliged if you can send me proofs. The plate of Puffin heads is beautiful; the plate of the Gull also is excellent as a whole, but the bill and eye are not clear enough. The outline of the bill is a little hazy, and the eye looks as if the bird were dead . This should be corrected. The tinted lithograph of Puffins is very attractive, but I wish Fuertes' signature could be put at the bottom instead of across the middle, where it is a blemish on the face of the picture.

The captions for the landscapes should be taken from the originals--all of Dellenbaugh's were carefully labeled on the back. I am not sure that I can furnish them correctly in all cases, and I am quite sure that I do not possess a complete set. The batch which you have just sent me contains two that were not in my set, namely, Mt. St. Elias, and the long mountain at Unalaska. You probably remember that I was to have 2 or 3 prints of each for sets, in order to keep things straight. In several instances, if I label and return the only proof I have, my set will be incomplete.

No, I do not know anything about the article of which you speak for the 'World's Work'. Who has written it ? By all odds let me see the proof before it [illegible]. There are two fairly

L.--2

good Curtis photographs of the party both taken among the totem poles of the Cape Fox deserted village. I am not sure that Mr. Harriman would care to have these used. You had better consult Stanley-Brown on this point. I have written Stanley-Brown in favor of the de luxe edition, and have suggested that he obtain from you an estimate of the additional cost, in order to lay the matter before Mr. Harriman for a final decision. I told him that in my judgment the profits would greatly exceed the additional cost.

Gilbert has returned, and I am glad to know that Spader will be here in a day or two.

My point with respect to the colored photogravures, of which I have not yet seen proofs, is a double one: (1) unless the color work is a success we do not want them at all, and this we cannot determine until we see the proofs; (2) some of the scenes represented among these are not covered in any other way in the book. Hence, as stated in my last letter, ordinary photogravures of these should be included in the regular edition, as was the orginal intention.

The photogravure of Hubbard Glacier, which I criticised as highly unsatisfactory, was not made from a positive at all, but from Gilbert's original negative.

I received Muir's proof all right, and hope to tackle the job of straightening out all of the bolled-up proof as soon as Spader makes the necessary drawings to replace those which are now wrongly placed, and makes the corrections desired by Mrs. Harriman.

Very truly yours,

C. Hart Merriam

Mr. Mr. W. H. Lanier,
New York City.

S 347
N.

Washington, D. C.
October 11, 1900.

Mr. Berthold Meisel,
Boston, Mass.

Dear Sir:

I shall be obliged if you will kindly send me proofs of the plates you have made of Nemertean worms, by Dr. Wesley Coe.

Respectfully,
C. Hart Merriam

ft 385
393,
N.

Oct. 12, 1900.

by dear Mr Lewis.

Sfadra is here and at work has made + turned in to me a number of drawings of which I have

October 12, 1900.

Mr. A. H. Hershey
New Era Printing Co.
Lancaster, Pa.

My dear Sir:

What the books of the blocks belonging to the Washington Academy of Sciences, for which I wrote some time ago. Theme for the Coulter and Rose article on Mexican Umbelliferae are badly needed at once for a paper of which the galley proof is being held for these cuts. We will have them sent by express Monday morning, so that I can receive them not later than Monday evening, or Tuesday morning, at latest. When shall we receive proof of the other articles you now have in hand?

Very truly yours,

and there + with + write all of Hodge's original, ink have been there far reproduced.

Have ye— been able to find the complete proof?

Yesterday

C. Hart Merriam

October 10, 1900.

Mr. A. H. Heralley
New Era Printing Co.
Lancaster, Pa.

My dear Sir:

Retake of Preceding Frame

S. 364.
N. 421.

Washington
Oct. 15, 1900.

Wm H. Hackley
Sydney Ia.

Herewith I am sending you 3 galleys of animals to be in Hawaiian Alphabet & with the cuts that I marked for insertion. Please read the proof of this & when it is finished & I will then send you the remaining galleys. The cuts are so thick here some of them may require readjustment when letting it up & to print a little straighter.

Yours truly
Wm H. Hackley

Wm H. Hackley
Sydney Ia.

Oct. 15, 1900.

S. 364.
N. 421.

Washington
Oct. 15, 1900.

Hon. C. H. Hartley
My dear Sir:

Herewith I am handing you 3 galleys of proof to be sent to Harriman Alaska with the rest of the book to be inserted in proper place.

When I send the proof of this I will send you the title & table of contents galley. The cut is so thick that some of them may require readjustment to bring it to the top of the page a little at a time.

Yours truly
E. H. Harriman.

£ 249.
N.

Oct. 17, 1904.

Chas. C. Tagethoff Esq.
Secy. to C. H. Harriman -

Dear Sir:

I have this day rec'd., and return to you herewith, the Stockbridge, Pope & Co. account, for August and September, in the matter of the Harriman Alaska Expd. funds.

I have left a memorandum of the amounts, which will enable us to check up future accounts to better advantage.

Resp.
C. Hart Merriam
Chief -

L. 384.
M. 391,411.

Washington, D. C.,
October 17, 1900.

Dear Stanly-Brown:--

Only a few of my negatives have been returned by Curtis. Several I needed for photogravure reproduction before I went West have not yet been returned, and as you know it is getting very late and all of the photogravure pictures should be in at once. Will you not wire Curtis on receipt of this, asking him to return forthwith all of my negatives. It would be a good idea, also, to return all of the others not yet received by Gilbert, as a number belonging to other people are still missing.

It begins to look as if there was a little reason behind your madness in the matter of your negatives, after all, and it appears to be my turn to apologize. I find that I went to your house with you on July 28 and selected some negatives for reproductions by photogravure. On July 31 I shipped six of your negatives by express to Andrew of Boston for reproduction. This was eight days before I left the city for California. I have written Lanier to have them returned at once.

Very truly yours,

C. Hart Merriam.

Mr. J. Stanly-Brown,
120 Broadway,
New York, N. Y.

L. 388
M. 398.

Washington, D. C.,
October 17, 1900.

Dear Mr. Lanier:

Your two letters of the 15th at hand, together with two photogravures (Harriman Glacier and Fur-Seals), and a couple of sheets containing memoranda to help in lettering the colored lithographs. The single proof of the Snowflake also arrived this afternoon, and with it the five Hudson drawings and proofs of the same. One of these proofs shows a defect in the block. I am returning it with the original to be made over. It is the one showing a fish dam.

What has become of the proof of Fuertes' picture of a Jaeger at Rest on Hall Island--a beautiful picture of which I have seen no proof.

I am waiting as patiently as I can for the originals and proofs of the large number of drawings made by Spader after I left for California. I thought surely they would come yesterday or today, but they have not yet shown up. As these pictures are to be scattered through the text of the various articles, I am blocked and cannot close anything out finally until they reach me. Meanwhile I have been hard at work on Grinnell's article on the natives and have re-arranged the cuts, and am sending galley proof to the New Era people piece-meal, in order to get the pages made up properly without having to run over so much matter as is necessary in the case of both Burroughs and Muir. By the way, in the early part of Muir's article three pictures of Davidson Glacier are used on one page

This is not only a mistake, but two of the pictures are duplicates, and one of the drawings made by Spader is omitted. When these drawings and proofs reach me I will be able to straighten this and other matters out. Spader drew a panoramma of Columbia Glacier for Muir's article, but I have not seen either the original or the proof. Neither have I seen his drawing of murres eggs. But it is useless to go into details, as there is a great batch of these drawings and proofs which should reach me at the earliest possible moment, in order to enable me to move forward.

I am amazed to learn from one of your letters of the 15th, that you still have in hand three of the Dellenbaugh paintings selected by Mrs. Harriman for reproduction in the book---namely, Land-locked Harbor, Disenchantment Bay, and 'The Deserted Indian Village'. These pictures were given you for reproduction about June 8th or 10th. There still remains un-accounted-for the one you had photographed at a much earlier date, and which was selected by Mrs. Harriman as her preference in the entire lot for the Fiord picture. I do not know its number, but it replaced No. 32, which was withdrawn. I am returning to you herwith the only copy I have of the photograph of this painting. It certainly should go in. Can you not put the lithographer under contract to furnish first proof of these paintings not later than Nov. 15, and to furnish the entire edition not later than Dec. 10, under penalty of losing his job with no pay for his trouble?

What has become of the original negatives sent to the various photogravure men for reproduction? My own batch which went to Gilbo, were returned just before I left for California, but

others have not been heard from. For instance, on July 31 I sent Andrew [illegible] (at your request) five large negatives and one small one belonging to Stanly-Brown. These should be returned at once. I shall be obliged also, if you will have the photogravure men send me as early as possible all of the positives they have done with. The Mt. Fairweather photograph you mention was my own.

Please dont forget to have the comma taken out between 'Harriman Glacier' and the parenthsis which immediately follows.

I am struggling with the captions for the lithographs. It is a job, but you will receive the list shortly.

Whose article shall we put next after Grinnell's--Keeler's on Birds, Dall on History of Exploration, Gannett on Physical Geography, Fernow on Forestry, or Brewer on Atmosphere?

In the package with the other things, I am sending two photographs which were to have been reproduced by photogravure but of which no proofs have reach me. Do you know who has them, and whether or not they have been done. Both are important, and among the very best of their kind. Please return the prints to me as I have no duplicates.

I am still embarrassed by the absence of a number of the Curtis photographs sent you for transmission to the several photogravure men. You will remember that I had no duplicates of most of these, and less than half of them have come back to me. I shall be very glad if you will see that all of these are returned promptly.

Very truly yours,
E. H. Harriman

Mr. H.W. Fowler

f 52
M.

October 17, 1900.

My dear Professpr Brewer:

Too bad you caught that cold. You are old enough to know better, but dont let that worry you. If your manuscript reaches me in two or three weeks, it will still be in season for the first volume.

Very truly yours,

C. Hart Merriam

Professor Wm. H. Brewer,
418 Orange St.,
New Haven, Conn.

D. 393.
M. 403

Washington, D. C.,
October 18, 1900.

Dear Mr. Lanier:

In the matter of the photogravure of Hubbard Glacier I find that I was half right and half wrong. You will remember that this picture is a panoramma of two photographs from Gilbert's negatives 312 and 313. I find in looking over my memoranda that I sent you the negative of 312 and that the negative of 313 was then in Curtis' hands. On wiring Curtis for it, he replied that he had not done with it, but sent a positive instead. This positive was sent you with instructions to the photogravure man to make a positive to match it from Gilbert's 312, or if this was not satisfactory to wait until the receipt of the original negative of 313. This negative I have just obtained from Gilbert and am sending to you herewith, so that the photogravure man will now have both of the original negatives, from which I trust he will make an excellent plate. We are particularly anxious that this plate should be a success. We are anxious, also, to have these two negatives returned as early as possible, as they are needed here for the purpose of making enlargements.

The thirteen lettered photogravures sent me by you yesterday, arrived today. All are O. K., although in several of them some of the letters in the word photogravure need a little re-touching, and in the double picture of Plover Bay, Siberia, the word Gilbo in the right hand corner is spelled "Gilpo". These purely mechanical typographical errors should have been corrected before the proofs

(2)

were sent to us. Similarly in the picture of Skagway, the bottom of the "g" in the word Skagway is imperfect.

Another day has passed, and neither the originals nor proofs of Spader's drawings have reached me. It is really too bad to be set back in this foolish way. There seem to be enough necessary delays without being put back by these wholly un-necessary ones.

Very truly yours,

C. Hart Merriam

Doubleday, Page & Co.,
34 Union Square,
New York, N. Y.

October 18, 1900.

My dear Mrs. Harriman:

I am sending you herewith a rough print I have had made of three photographs combined in one, showing six members of the expedition on Hall Island. This is only a rough print, and the feet have been cut off at the bottom, but it answers the purpose so far as showing in a general way how the three original photographs could be combined in one photogravure, if you care to have the same in the book. If you will kindly drop me a line by return mail, expressing your wishes in this matter, I will act accordingly. With kindest regards to you all, I remain,

Very truly yours,

E. Hart Merriam

Mrs. E. H. Harriman,
1 E. 55th St.,
New York.

L 387.
M.

October 19, 1900.

Berthold Meisel,
Boston.

Dear Sir:

The proofs of Nemertean worms arrived safely, but the originals have not yet come to hand. Please send them at once, so that I may make the necessary comparisons and return the proofs to you for correction and printing.

The plates of which I spoke before going to California were for a book to be issued in December and had therefore to be given out at once. I have now received proofs of them — upwards of thirty in number. It is probable that I shall have additional colored plates to be put on stone during the next few months, and if so, shall be glad to let you know.

Respectfully,

C. Hart Merriam.

L 390
M

October 19, 1900.

Dear Cox:

Thanks for your letter of the 17th and the return of the proofs, which have just come to hand. I am writing Meisel by this mail to send the originals for comparison, and will have the lettering put on below as you have indicated. With best wishes,

Very truly yours,

C. Hart Merriam.

D 398
.N 403

October 19, 1900.

Dear Mr. Lenier:

In compliance with your request of yesterday, I have sent you by mail today the only two photographs I have of the Harriman Expedition Party, both taken in front of the deserted village. Please return these prints when you have done with them, as I am not likely to secure any others.

Thanks for the first number of the 'World's Work'. It has a very attractive appearance and I shall examine it closely tonight.

The proof of your article on the expedition also came today and I am returning it to you herewith. The most serious error is in speaking of Mr. Harriman as president of the Union Pacific. The president of this road is Mr. Burt, of Omaha, who is employed by the Executive Committee of which Mr. Harriman is chairman. Do you like to begin an article with the word concrete? If this word affects you as it does me, you would take a long handled spade and bury it beneath the concrete pavement of your cellar.

The classification of members of the Alaska Expedition is pretty bad. For instance: to put Burroughs, an amateur naturalist, under the heading of ornithologists, and to leave out from this heading three men (who are in your preceding category), one of whom is a past president, another a vice president, and the third a member of the council of the American Ornithologists' Union might strike some people as strange. It also looks queer to register Coe as an anatomist instead of a biologist, and to restrict Dall to

(2 - L.)

paleontology when he is one of the best known of American zoologists, anthropologists, and geographers. Was the assistant photographer, D. G. Inverarity, omitted accidentally or intentionally? At least two other names should be included, those of Dr. Lewis R. Morris and his assistant, Dr. E. L. Trudeau, both are intimate personal friends of the Harriman family, and Dr. Morris did more perhaps than any other single person in organizing the Expedition. I am sure both Mr. and Mrs. Harriman would be pained to note the absence of his name from the list.

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C. Hart Merriam

D. 398
37.403

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(2 - L.)

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Very truly yours,

E. H. Harriman

Original Defective

L. 403
N. 4 P

Washington, D. C.,
October 19, 1900.

Dear Mr. Lenier:

Goodness gracious! you have surely flooded me with proofs of the line cuts this time, and at the same time have not sent all of those I wanted. What I wanted and asked for was all of the drawings (and proofs of these drawings) made after I left Washington for California. I have today received by express a deluge of the old proofs of Burroughs illustrations, of which I had proofs long before I went away. I have also received part of the drawings and part of the proofs of the drawings made by Spader while I was gone. Out of the 30 drawings made by Spader after I left Washington, I have received only 21. In the case of the proofs, there are one or two additional to the drawings, but the set is so incomplete that it is impossible for me to complete the arrangement of the cuts for the Muir and Burroughs articles. I wonder if these have been hopelessly lost in your office, or whether there is still a chance of digging them up. There is also unaccounted for Mrs. Keeler's drawing of Bryn Mawr Glacier, which I sent you just before leaving, and also one or two of Hudson's drawings. I have in mind particularly his picture of sea-lions; so the proofs and drawings you sent me in July are hardly to the point.

I have received from you today in addition to the line drawings, black and white proofs of the Snowflake, and Hall Island Jaeger, and one colored proof of the latter. You are, of course, sending Feurtes these colored proofs for criticism. I notice too

(2)

much yellow on the side of the Jaeger' face. There was also in the package a proof of the calypso orchid with Covill's original memorandum as to the locality and date. Tomorrow I hope to be able to send you the lettering for the entire litho'd colored plates. As to Dellenbaugh's paintings, there is evidently a missing link in your record. However, it is now so late that it may be best, as you suggest, to reduce the number as much as possible; but the one of the inside passage or fiord, of which I sent you the photograph yesterday, should go in without fail, as it was Mrs. Harriman's special choice. I do not understand how this one failed to go to the lithographer's at an early date, but that is of no consequence now. I sent it to you with a note from Mrs. Harriman's house one day last spring, telling you her decision in the matter.

In accordance with your suggestion, I will send Dall's article to the printers to put in type to follow Grinnell's; but I think you understand that I am still unable to complete any of these articles, owing to the lack of a complete set of the text illustrations. You will pardon me for reiterating the facts as to the missing illustrations: Spader took to you from Washington five or six drawings which had not been reproduced when I left for California; after this he made 32 additional drawings, so that 37 or 38 drawings were placed in your hands for reproduction after I left on Aug. 10; of these I had received neither proofs nor originals until this afternoon, when the package referred to earlier in this letter arrived. This package, as already stated, contained 21 out of 38 drawings, and a miscellaneous lot of proofs, most of which are of

old drawings for the Burroughs and Grinnell, articles, placed in the proof or copy before I left Washington. You must realize how impossible it is for me to progress until I have the missing illustrations.

Very truly yours,

C. Matt Harrison

Mr. H. W. Kellogg

QL 405
.H416

Washington
Oct. 20, 1900.

Dear Mr. Lanier:

I am sending you herewith a list of captions for lettering the various lithographs, so far as known to me. For your convenience I have arranged them by lithographers.

I am also enclosing a list of O. Kd. captions for the photogravures, so far as letterpress proofs have reached me. The only exceptions are those to which I have already twice called your attention, namely, the Harriman Glacier, in which occurs the typographical error of a comma between the word glacier and the parenthesis immediately following; and the Soppon[illegible] Glacier, upon the proof is printed Sop[illegible]. A few other slight corrections are indicated.

You will be glad to know that I have just placed nine additional Spanish drawings in the hands of our local Photoengraving Company for immediate reproduction. This will enable us to complete the first step towards making the necessary changes in illustrations in the Burroughs and Muir articles.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier
Doubleday, Page & Co.
New York.

P.S. What has become of the revise proof of the enfurle plate (enfurle but needing corrections) of the Jaeger's head with open mouth? I am sending you in the package my only proof of the [illegible]. Do not see the Tahoe Bunting list you sent me a day or two ago. I think it one of the finest of all the plates.

Boen 1.

HARRIMAN ALASKA EXPEDITION PLATES.

Lettering for lithographs made by Boen:

KADIAK BEAR, URSUS MIDDENDORFI Merriam
Kadiak Island, Alaska

KADIAK FOX, VULPES HARRIMANI Merriam
Kadiak Island, Alaska

LONG-TAILED JAEGERS, STERCORARIUS LONGICAUDUS

HORNED AND TUFTED PUFFINS

1. TUFTED PUFFIN, LUNDA CIRRHATA

2. HORNED PUFFIN, FRATERCULA CORNICULATA

SABINE GULL, XEMA SABINI
St. Matthew Island, July 15, 1899

WILLOW PTARMIGAN, LAGOPUS LAGOPUS
Yakutat Bay, June 20, 1899. Male

ALASKA LONGSPUR, CALCARIUS LAPPONICUS ALASCENSIS
Unalaska, July 9, 1899

RUFOUS HUMMINGBIRD, SELASPHORUS RUFUS

GOLDEN-CROWNED SPARROW, ZONOTRICHIA CORONATA
White Pass, June 7, 1899. Male

KADIAK PINE GROSBEAK, PINICOLA ENUCLEATOR FLAMMULA
Kadiak, July 1899. Male

Original Defective

QL 405
N416

Washington
Oct. 20, 1900.

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I am sending you herewith a list of captions for lettering the various lithographs, so far as known to me. For your convenience I have arranged them by lithographers.

I am also enclosing a list of O. Kd. captions for the photogravures, so far as letterpress proofs have reached me. The only exceptions are those to which I have already twice called your attention, namely, the Harriman Glacier, in which occurs the typographical error of a comma between the word glacier and the parenthesis immediately following; and the Serpentine Glacier, upon the picture to be printed Serpentine. A few other slight corrections are indicated.

You will be glad to know that I have just placed nine additional Spaulding drawings in the hands of our local Photoengraving Company for immediate reproduction. This will enable us to complete the first step towards making the necessary changes in illustrations in the Burroughs and Muir articles.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier
Doubleday, Page & Co.
New York.

P.S. What has become of the revise proof of the colour plate (Jaeger's head with open mouth)? I am sending you in the package my only proof of the plate. It is not on the Tabor Bay list you sent me a day or two ago. I think it one of the finest of all the plates.

Box 1.

HARRIMAN ALASKA EXPEDITION PLATES.

Lettering for lithographs made by Hoen:

KADIAK BEAR, URSUS MIDDENDORFI Merriam
Kadiak Island, Alaska

KADIAK FOX, VULPES HARRIMANI Merriam
Kadiak Island, Alaska

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2. HORNED PUFFIN, FRATERCULA CORNICULATA

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St. Matthew Island, July 15, 1899

WILLOW PTARMIGAN, LAGOPUS LAGOPUS
Yakutat Bay, June 20, 1899. Male

ALASKA LONGSPUR, CALCARIUS LAPPONICUS ALASCENSIS
Unalaska, July 8, 1899

RUFOUS HUMMINGBIRD, SELASPHORUS RUFUS

GOLDEN-CROWNED SPARROW, ZONOTRICHIA CORONATA
White Pass, June 7, 1899. Male

KADIAK PINE GROSBEAK, PINICOLA ENUCLEATOR FLAMMULA
Kadiak, July 1899. Male

Retake of Preceding Frame

Original Defective

Heliotype Co.

HARRIMAN ALASKA EXPEDITION PLATES

Lettering for lithographs made by Heliotype Co.:

HARLEQUIN DUCK, HISTRIONICUS HISTRIONICUS
Glacier Bay, June 9, 1899. Male

KING EIDER, SOMATERIA SPECTABILIS
Port Clarence, July 12, 1899. Male in breeding plumage

HYPERBOREAN SNOWFLAKE, PASSERINA HYPERBOREA
Hall Island, July 15, 1899. Male and female.

CHESTNUT-BACKED CHICKADEE, PARUS RUFESCENS
Fort Wrangell, June 5, 1899

LONG-TAILED JAEGER, STERCORARIUS LONGICAUDUS

PAVLOF VOLCANO, ALASKA PENINSULA

CALPYSO ORCHID
Calypso bulbosa (L) Oakes. Sitka

Horn 2.

SUNSET, GULF OF GEORGIA

LONG MOUNTAIN, UNALASKA, FROM DUTCH HARBOR
Steam whaler at anchor

MT. FAIRWEATHER, FROM THE NORTHWEST
Altitude 15500 ft. Light Color of water due to glaciers

SUNSET, YAKUTAT BAY

INDIAN SEAL HUNTERS HUT, YAKUTAT BAY

POPOF STRAIT, SHUMAGIN ISLANDS

Grignard

HARRIMAN ALASKA EXPEDITION PLATES

Lettering for lithographs made by Grignard:

VOLCANO OF ILIAMNA, COOK INLET
Altitude 120[illegible] ft.

1 VIOLET-GREEN CORMORANT, PHALACROCORAX PELAGICUS ROBUSTUS
Point Gustavus, Glacier Bay, June 11, 1899

2 WHITE-CRESTED CORMORANT, PHALACROCORAX DILOPHUS CINCINATUS
Kukak Bay, Alaska Peninsula, July 1899

414

Taber Prang

HARRIMAN ALASKA EXPEDITION PLATES

Lettering for lithographs made by Taber-Prang Co.:

MT. ST. ELIAS FROM YAKUTAT BAY
Altitude 18000ft.

MT. COOK FROM YAKUTAT BAY
Altitude 16000 ft.

CAMP OF INDIAN SEAL-HUNTERS
Head of Yakutat Bay

POMARINE JAEGER, STERCORARIUS POMARINUS
Yakutat Bay, June 20, 1899.

CAPTIONS FOR PHOTOGRAVURES.

All of these corrected as indicated are O. K's for printing.

- Harvard Glacier.
- Front of Barry Glacier.
- Muir Glacier (Edge and Front). Double plate
- Columbia Glacier, from Heather Island.
- Hubbard Glacier, Disenchantment Bay. (lettering all but picture ng + to be removed from original negatives.)
- Columbia Glacier, from Heather Island.
- Harriman Glacier.
- Suppentine Glacier, Harriman Fiord. (to be corrected to Serpentine)
- East End of Muir Glacier.
- Davidson Glacier, Lynn Canal.
- Harriman Glacier, (North and South Corners) Double plate-Strike out comma between Glacier and parenthesis
- Icebergs in Glacier Bay.
- Sunset on Muir Inlet, Glacier Bay.
- The George W. Elder, near Wellesley Glacier.
- Interior of the Greek Church at Sitka.
- Resurrected Forest near Muir Glacier.
- Gulls on St. George Island, Pribilof Group.
- Murres on Walrus Island, Pribilof Group. Same plate

Mr. Harriman's Kadiak Bear lying on the hillside where he was shot.

• Shoshone Falls, from the North and West.

• "The Forest", Unalaska.
Trees on Kadiak Island.

• Botanizing on Hall Island.

• Sitka Indian Huts.

• Forest overturned by Columbia Glacier.

• Indian River.

• Unalaska Hillsides.

• A Hanging Valley, Fraser Reach.

• Indian Sealer's Camp, Yakutat Bay.

• Salmon drying at Chernofski Village, Aleutian Islands.

• Totem Poles at Deserted Village.

• Beaver Totem, Deserted Village.

• Entrance to Wrangell Narrows.

• Heather Island, Columbia Bar.

• Sea-Lion Rookery, East End St. George Island.

• Indian River, near Sitka.

• Sea-Lion Drive, St. Paul Island (Pribilofs).

• Bergs stranded at low tide, near Muir Glacier.

• Morres, or 'Arries', on Walrus Island, Pribilof Group.

• Scrub pine in bog near Wrangell.

• Russell Fiord.

• East Coast of Vancouver Island.

• Trees upset by Glacier.

• At Lowe Inlet, British Columbia.

• Islets in Sitka Harbor.

• Mt. Edgecumbe from back of Sitka.

• Harem of Fur-Seals, Pribilof Islands, Bering Sea.

• Village of Kadiak, Alaska.

• Park-like shores near Kadiak.

• Skagway Alaska in June 1899.

• Plover Bay, Siberia (East side of entrance).

• Part of Columbia Glacier, Prince William Sound.

• Wood Island, near Kadiak (Lupines on Wood Island).

• Eskimo Boy and Girl, Port Clarence, Alaska.

• Hanging Valley, Fraser Reach.
• Inside Passage, British Columbia.

• Fur-seals, St. Paul Island, Bering Sea.

to a head of the Romaine Jasper of
which I have never seen a 2d
proof, and which is omitted
from the Tahoe Berry last year
sent me a few days ago.

Yours truly
C. Hart Merriam.

Mrs H. W. Lamb

L 40R
N. 488

Washington
Oct. 20, 1910.

Dear Mrs. Lamb:

Re to the size of the lettering of the lithographs: the name lines (which all present in most cases) should be in smaller type than the type, always. I do not object to the use of lettering entirely by them, only I should prefer a plainer style. In all cases the lettering should be as nearly gray as possible - not a prominent black - don't you think?

By this mail I am sending you distinctive to the letter of those as a guide for lettering: 1 Hooker's Oppia; 2 Calypso orchid; 3 Dunnet, Surf of Berry in 4 Same -, Valentat Berry, 5 Ot St Lucas (6) Ot Cedar; 7 Piper, Crest. In the finder I shall put the shortish portion of

S 369.
~~2 copies~~
N. 418

Oct. 22, 1900

Dear Sirs:

We note for both of your type bars. It came this morning. I am having it fixed in duplicate in order to advise if correction etc. satisfies without so much running over of type.

Please read carefully & return soon as possible.

I have taken the liberty to put 2 days work & duty in arranging your illustration as in the first statement in next a bill above, and hope this will not prove displeasing to you in any manner.

8 416
71.4.2.2

Washington, D. C.,
October 23, 1900.

Dear Mr. Lanier:

Atlast the package of list drawings has arrived and I am proportionately happy. The package contained 19 drawings, of which 12 are those made by Spader during my absence and which I have not before seen. Whether or not this completes the series I do not at present know. There were no proofs of any kind in the package, so that I have no means of knowing whether or not all these have been reproduced, and if so, on what scale, or whether the blocks have been sent to the New Era people.

I was somewhat amused at the request in your previous letter that I should send you proofs of the missing drawings when these are the very proofs I have never received and have been so anxious to get.

I shall be exceedingly glad to see the new proofs of the Jaeger head. I was a little frightened by its absence from the Taber-Prang list. It was in a list sent me by Mr. Page during your absence on June 12, as in the hands of the Taber-Prang people.

You are entirely correct in putting down Dr. Lewis R. Morris and Dr. Trudeau as physicians.

For Heaven's sake don't send that photograph of the Dellenbaugh Nord picture for reproduction. What we want reproduced is the original painting with all its fine coloring. I will write you further about the additional photogravures as soon as I look the

(2 -- L.)

matter up and receive the prints you mentioned as returning, but which have not yet come to hand.

The sample of paper which you enclosed I am returning herewith. It is an excellent fiber paper and would be entirely satisfactory from my standpoint.

The various photographs, negatives, and positives you mentioned sending have not yet arrived, but will doubtless come to-morrow.

Very truly yours,

Mr. H. W. Lanier
Doubleday, Page & Co.
34 Union Square
New York City

Sh. 389

Washington
Oct. 24, 1904.

Mr A. H. Hershey
New Era Printing Co.
Lynchburg Va.

Dear Sir:

Enclosed herewith is Sells article for the Harriman Alaska Book, to follow Grinnell. England also you will find another small batch of similar type proof, for re-folding of ends. If your printer will pay a little more attention to my marks for placing ends on galley he will save us all much trouble.

Yrs Truly
E. Hart Merriam

151

L.418
A.432

Washington, D. C.,
October 25, 1900.

Dear Mr. Lanier:

Your letters of the 23d and 24th at hand, and in addition the things mentioned in your previous letter, namely, my copy of Curtis photographs of the expedition at the Deserted Village, and two photographs (547 + 480) intended for photogravures; also the photograph of Dellenbaugh's painting, which I am happy to learn has finally been taken in hand.

The package of positives referred to in your letter has also reached me. It contained 19 positives, of which 4 were smashed. They were packed in a wooden box just large enough to hold them, and between the face of the positives and the box cover was nothing but a piece of folded news-paper.

The small sample of Japan paper I will pin to this letter with my own hands and make sure that you receive it.

By express today I received two packages: one containing the photographs of Dellenbaugh's painting already mentioned, the other proofs and originals of Hudson's two paintings of Sea-Lions, and a small batch of eight photogravures sent as proofs of lettering. Inasmuch as only one proof of ~~the whole~~ each was sent, I have none to return, so I will transmit herewith the necessary corrections. The following are entirely correct and O. K'd for printing:

June, Alaska.
Mountains on Alaska Peninsula.
Entrance to Saldovia, Keni Peninsula.
Drift ice, Yakutat Bay.
Mt. Fairweather and Mt. Lituya.

The following need correction as indicated:

Yale Glacier, College Fiord. In the word College the letter g is replaced by c, and the date for the second line (June 1899) is omitted.

Amherst and Cresent Glacier. The s in the word Cresent is too big for the other letters.

Mt. Pavlof, Alaska Peninsula, is spelled Paulof. Change the u to v.

Bogoslof Volcano, Bering Sea. The date (August 11, 1891) is omitted. This must be given since the date is as important as the picture and the picture is no account without the date, since the form of the Volcano was undergoing constant change for a number of years. I don't care what impudent rascal struck this date out, but it must be reinstated.

In the case of glaciers with changing fronts the date is important, but as it is not always given I shall not insist in the case in which it was marked on the original, although the date adds much to the value of the pictures.

You will find enclosed herewith a photograph of three of the Curtis photographs (Nos. 482 + 483 + 484) showing members of the expedition on Hail Island. This Mrs. Harriman wishes reproduced as a photogravure for the book. You have positives of the three negatives from which the

originals were printed. In combining them I would suggest that the upper one be trimmed at both top and bottom a little closer than of the composite photograph enclosed, and that in the bottom photograph the feet and a narrow strip to ground be also included. It would be easier to lable the resulting photogravure if a space ~~an~~ 1/4 inch wide is left between each picture.

Andrew's reproductions of Hudson's Sea-Lions are on the whole very satisfactory and I am sure they will please Mr. Harriman, particularly the stampede in which he was enormously interested. As Hudson is at present in the city, I will submit the proofs to him to-morrow and if any ~~of the~~ corrections are necessary will return to you with his remarks.

The proof of the Sea-Lion plate from which the fence has been removed did not reach me with the other things which came today, but may come to-morrow.

As to the proofs of the Spader drawings made after I left Washington: not one of these proofs reached me until a few days ago when you sent the big batch of odds and ends, made up mainly of duplicate proofs seen by me prior to my departure, as I wrote you at the time of the receipt. This batch contained a few proofs of the new drawings—less than half. The others I have never seen, except those which were in the text proof of the articles already set up on my return, and these ~~of~~ which were ~~based~~ fastd on Grinnell's manuscript which you sent me after I saw you in New York. However, this is of little consequence now since I have received from you the original drawings. I am having larger cuts made of some of them -- for instance, the

(H.W.L. -5)

In designating the remaining photographs for reproduction by photogravure, I am dreadfully handicapped by the absence of prints of the photographs — so many of mine have been borrowed and not returned. I am working on this matter now and hope to write you fully to-morrow, or the day following.

Very truly yours,

E. Hart Williams

Mr. H. W. Lanier
Doubleday, Page & Co.
New York

Washington, D. C.,
October 26, 1900.

Dr. George Bird Grinnell
Forest & Stream Publishing Co.
New York

My Dear Grinnell:

Thanks for your letter of the 25th inst. and the returned proof. Your suggestion for transposing the plate of the Bear Totem Pole I had already acted on, along with a number of others. The trouble is the printers have got into a very loose way of scattering the cuts without paying sufficient attention to directions marked on the galley. I have insisted that they be placed where indicated, wherever the make-up of the page admits, and in the next proof you will find a number of them in very different positions from those they now occupy. I am particularly obliged to you for amplifying your remarks on masks so that the pictures may be set in the text to which they relate.

There is just one correction in your proof, which I don't understand, and which I think you either did not complete, or did not mark quite straight for sequence. It is the one on the first page and I am returning it to you for additional scrutiny. Kindly return to me at your earliest convenience.

Very truly yours,

C. Hart Merriam

Washington, D. C.,
October 26, 1900.

Berthold Meisel, Esq.
164 High Street
Boston

Dear Sir:

I am obliged for your letter of the 22d inst. and the return of the Nenortoam plates, which I have examined and am returning herewith, along with a set of proofs marked for correction. If you will examine these proofs critically, you will see that they need cleaning up in a number of places, and that in other places the registration appears to be faulty.

I will be obliged if you will kindly make the corrections indicated and have the necessary cleaning up done on all the plates and send me a new set of proofs at your convenience. The figures on the several plates should be numbered as indicated, and the caption, Alaska Nenortoams, should be engraved at the bottom on each plate. The numbers of the plates I cannot give you at present, but will put on the next proof.

Very truly yours,

C. Hart Merriam

Original Defective

Washington, D. C.,
October 27, 1900.

Wesley R. Coe
Yale Biological Labratory
New Haven, Conn.

Dear Coe:

Since writing you last I have received your original plates from Meisel and am just returning the same to him for correcting the plates. I have asked him to send another batch of proofs as soon as the corrections were made, and have requested him particularly to clear up the edges of the worms, which in many cases show careless work, or faulty registration. I have no doubt that the edition as he prints it will be something fine.

Rathbun agrees with you that Miss Bush is the proper person to work up the Alaska Annelids. I have wired Ritter to send them to her and trust she will be able to get to work promptly and finish the job up as early as practicable. With your report and Eisen's in hand, we shall be able to print the worm volume as soon as Miss Bush is able to complete the Annelids.

With best wishes,

Very truly yours,

C. Hart Merriam.

Washington, D. C.,
October 27, 1900.

Prof. William E. Ritter
University of California

My Dear Ritter:

Owing to absences from the city and a variety of unfortunate circumstances, I was unable to receive final verdict on the Annelid question until just now. I am wiring you to send the material to Miss Bush, and am writing Coe that you will send them.

The New Era people wrote me that they held up your first separates until the last batch was ready, so as to save expressage, and that the entire batch was sent you some time ago. I trust they have reached you before this.

With kind regards to your wife, I remain with best wishes,

Very truly yours,

C. Hart Merriam.

October 27, 1900.

Dear Stanley-Brown:

The package of negatives from Curtis, which you forwarded, has reached me and I have turned it over to Gilbert, who thinks it may contain the remainder of the missing negatives. He will doubtless write you later.

Very truly yours,

C. Hart Merriam.

Mr. J. Stanley-Brown
120 Broadway
New York

Sfadr has finished some drawing, to replace some misfits, and to replace some objected to by Mrs Merriam. He has done some nice ones also, & saved splendid specimens for Gilbert.

J—

October 27, 1900.

Dear Stanley-Brown:

The package of negatives from Curtis, which you forwarded, has reached me and I have turned it over to Gilbert, who thinks it may contain the remainder of the missing negatives. He will doubtless write you later.

Very truly yours,

C. Hart Merriam.

Mr. J. Stanley-Brown
120 Broadway
New York

Sfadr has finished some drawing to replace some misfits, and to replace some objected to by Mrs Harriman. He has done some new ones also, & owned splendid fanciana for Gilbert.

J—

Retake of Preceding Frame Original Defective

Washington, D. C.,
October 29, 1900.

Dear Stanley-Brown:

Yours of the 27th inst., enclosing bill for 21 extra positives from Curtis at $1.00 each, received. I have O. K'd the bill and return the same herewith.

Lanier says they have no positive of Curtis' 450, which I ordered from Curtis on June 12 for reproduction by photogravure. Will you kindly wire Curtis to send a positive of this number at once?

I understand that Curtis has sent, or is about to send, to Mr. Harriman the first installment of the album. It would expedite matters at this end of the line if you could send a copy of this album, as soon as possible, to either Gilbert or me, so that we can have access to the photographs that are in it. No one knows how I have been annoyed and delayed of the difficulty, often amounting to an impossibility, of keeping a complete set of photographs in my office.

Very truly yours,

C. Hart Merriam -

J. Stanley-Brown, Esq.
120 Broadway
New York City

L. 422
R. 434

Washington, D. C.,
October 29, 1900.

Dear Mr. Lanier:

Your letter of the 27th inst. at hand, together with the envelope containing the panorama of Columbia Glacier and the sample for lettering by the Taber-Prang people. The latter I have O. K'd and return to you herewith.

I regret very much to learn that you have not the positive of No. 450. I will wire Curtis at once for another copy.

With respect to the two pictures of Eskimos in boats, of which you have prints; one is from a Devereux negative which was returned from Curtis about two weeks ago; the other is from one of my negatives, which unfortunately was not returned by Curtis in that lot, but which I wired for and which may be in a second batch just received by Gilbert. Gilbert has just handed me (since I began this letter) a batch of my negatives from this parcel, and I have looked through them and am delighted to announce that the missing negative is here. I will send it to you tomorrow with Devereux's so that you may have this photogravure made at once. The other pending photogravures I am making a strong effort to settle, but you cannot imagine the difficulty I am having, because of the absence of photographic prints that have been borrowed — for in many cases I am utterly unable to find the photographs corresponding to the numbers on the several lists.

Our local photoengraving firm has not given us satisfactory reproductions of the last batch of drawings, so I shall send you in a day or two a batch to give to the Wright Company or any other good

poor imprint

(H.W.L. - 2)

concern whose sork is satisfactory to you. The most serious fault with our firm here is that the light sky-lines are made so heavy that they spoil the artistic effect of the picture. Spader has made a fine lot of drawings during his recent visit, and he expects to return to New York tomorrow. Gilbert says that his glacier pictures from the geological standpoint, as well as from the artistic, are the finest he has ever seen.

Very truly yours,

C. H. Lanier

Mr. H. W. Lanier
Doubleday, Page & Co.
34 Union Square
New York

Why don't you get the editor
to pay a month's salary? We must
insist on getting enough to pay for
our eats — as Hackett remarked
once on their liquor — cuss

2432
01.436

Washington, D. C.,
October 30, 1900.

Dear Mr. Lanier:

The negatives of the small photographs of Eskimo in their Umiaks alongside the ship went to you this morning by express. I guess you had better send me all of the positives in your possession, which you have not sent out for reproduction. This will enable me to settle the matter a great deal quicker than I can do by the list of numbers, as I have no photographs to match most of these numbers. I might add in this connection that it seems to take the photogravure people an uncommonly long time to return my prints of photographs sent them as aids in connection with the positives. So long as the photogravures have been already completed it would seem as if they might now be willing to spare the prints.

It is a great pity that I could not have known earlier that you failed to receive a number of the positives ordered from Curtis. I find on my list a considerable number which you were authorized to reproduce, but which it now seems you have no positives for. These positives were ordered at various dates, in May, June, and July, but most of the missing ones seem to have been ordered on June 12. Among others were Nos. 409 and 410 for a double plate of Aleutian and Eskimo baskets. I am sending you my prints of these herewith and if you have never received the positives it might be well to have Andrew make the photogravure direct from these prints rather than delay longer for the positives.

(H.W.L. - 2)

In reply to your letter of the 29th inst. just received: the slip for lettering Craigard's photogravures is returned herewith marked for corrections. It should be born in mind in this connection that the three legends are for two plates, both of the Cormorants heads being on one plate. Having no proof of this plate to consult, I do not remember whether there is room for one of the captions between the heads, or whether both captions will have to go at the bottom. If the latter, they should be numbered 1 and 2, as in my copy, and the heads should be numbered to correspond. It will be necessary for me to see the lettered proofs of the plates themselves before printing.

You enclosed with this last letter another proof of the photogravure of the two corners of the Harriman Glacier with the obnoxious comma still remaining between the word Glacier and the parenthesis which follows, concerning which I have written you two or three times. Would it not look better to repeat the caption 'Harriman Glacier' under the upper cut, with the words 'South Corner' in smaller letters underneath? The same course should be followed to advantage in the lower cut. I don't like the lettering as it now stands.

Very truly yours,
E. Hart Harriman

Mr. H. W. Lanier
Doubleday, Page & Co.
New York City

L 434
M. 436

Washington, D. C.,
October 31, 1900.

Dear Mr. Lanier:

By this mail I am sending you two rather poor photographs of Shishaldin for reproduction as a double plate, as indicated by the masking. I am sending both solee and velox prints, so that the photogravure man may select for use the one which will give the best results. When he has made the plate I should like to have the prints returned.

In the same package you will find Gilbert's photograph of the Hubbard Glacier, of which you now have both negatives. If the water and the cliff edge of the ice in the foreground can be lightened sufficiently the present plate might answer. A careful retoucher ought to be able to do this. It is very bad as it is.

It is difficult to criticise the reproduction of Gifford's painting of the Barry Glacier without the original for comparison, but doubtless Gifford himself has made the necessary corrections.

The far interior of the ice caves should be much more intense indigo blue. In these ice caves the indigo increases in intensity until it becomes black in the distance. It is a wonderful color.

In returning to you Grignard's sample of lettering yesterday I forgot to say that this lettering struck me as quite different from that of Hoen, or of the Taber-Prang people. The lettering in each category of illustrations ought to be as nearly alike as possible. Dall's article is now in type and I am about to send copy for Keeler's to the printer.

Very truly yours,

C. Hart Merriam

Washington, D. C.,
October 31, 1900.

A. H. Hershey, Esq.,
New Era Printing Co.
Lancaster, Pa.

Dear Sir:

By this mail I am sending you a new initial W I have made for the opening sentence of Burroughs article. I am returning also a copy of the first page as it appears to me will look best. I should like to see proofs of this page made up in the form indicated. Perhaps you had better set the title 'Narrative of the Expedition' in two styles of type - that on the sample herewith, and the blacker type on the accompanying slip.

You will observe with respect to the cut of the railway train that I have trimmed off the bifurcated banner at the bottom. This seems to me necessary in order to conform with the changed conditions. The spacing between the train cut and the beginning of the article should not be too great.

If you have any suggestions respecting this page, I should be glad to have the same.

Very truly yours,

C. Hart Merriam

L436
N444

Washington, D. C.,
November 2, 1900.

Dear Mr. Lanier:

The proof of lettering from Hoen is herewith returned with corrections. In a letter received a day or two ago you asked what I thought about the Japan paper edition. I have favored this edition from the first and have not changed my mind at all in reference to it, nor have I heard from Stanley-Brown since he received your estimate, which I suppose he has submitted to Mr. Harriman. It might be well for you to ask him.

The box of Curtis positives, 2 plates, came today. It contains 16 positives, all of which I am delighted to say reached me unbroken. In some of them the film side is scratched, otherwise they are all right. At this late date only four of them need be considered. Two are cloud and water effects, which might be combined on a single photogravure if you think it worth while. The other two are among those selected a long time ago for reproduction in colors. Of these I sent you before leaving for California both plain and colored photographic prints, but have never seen any proofs. As I wrote you some time ago, the regular edition ought to contain photogravures of some of these, No. 206 in particular. Whether or not you have taken means to secure this I do not know.

Yours very truly,

E. H. Harriman.

Mr. H. W. Lanier
Doubleday, Page & Co.
New York City.

Washington, D. C.,
November 2, 1900.

Dear Stanley-Brown:

Very many thanks for your promptness in complying with my request for a copy of the album. It has arrived safely and is a great convenience and satisfaction, as well as a thing of beauty.

The photographs average much better than I expected. I think they are a most satisfactory lot.

Very truly yours,

E. H. Harriman.

Nov. 3, 1900.

Dear Sir:

Your letter of the first instant has just come to hand. I very much regret that you desire the return of Coe's proofs of his Nemertian plates, as this leaves me without any copy. I am returning them to you by this mail, and I trust you will send me a duplicate set at the earliest possible moment, as they are most necessary in making up the text.

Assuming that you send me corrected proofs in a few days, and that I return these immediately after their receipt, how long will it be before you can print and deliver the edition ordered? If you can deliver the edition before the end of November, I can publish them in the Proceedings of the Washington Academy of Sciences in advance of their appearance in the report of the Harriman Alaska expedition, in which case another thousand copies will be needed for the latter report.

Respectfully,

E. H. Harriman

Berthold Meisel, Esq.
Boston, Mass.

Nov. 3, 1900.

My dear Kincaid:

Thanks for your promptness in returning the proof, which has just come to hand along with your two letters.

As to your title: while I am personally in favor of printing titles under authors names, the majority of the Committee on Publication of the Washington Academy of Sciences is opposed to it; therefore, we do not publish authors titles in these proceedings. It is quite possible, however, that this practice may be reversed for the next volume. We are now nearing the close of volume two. In the Harriman expedition reports we shall give official titles, so that your final report, which I trust will be ready in the near future, will appear just as you desire.

Your plates came out very satisfactorily. I would send you a set herewith, except that I have no duplicate, and must hold my copy for the page revise.

I am very glad to learn of your promotion, and congratulate you on your success. With best wishes.

Very truly yours,

E. H. Harriman

Prof. Trevor Kincaid
University of Wash.
Seattle, Wash.

Nov. 3, 1900.

Dear Sirs:

By this mail I am sending you a line drawing of fur-seals. Can you make a satisfactory reproduction of this by photo-lith or by a combination of photo-lith and a certain amount of hand work? If so, I should like to have you make a plate of it, reducing the shortest diameter to 4 1-4 inches. Of course, you know that I do not want anything but the best possible result, and if you do not think that you can get it in this way, I shall be obliged if you will return the drawing.

Very truly yours,

C. Hart Merriam.

A Hoen & Co.

Baltimore, Md.

Nov. 3, 1900.

Dear Dellenbaugh:

Many thanks for yours of yesterday, enclosing $4.80 excess payment on the cup business. I quite agree with Elliot, and am willing to submit to any number of similar surprises. You certainly have been put to no end of trouble and annoyance in this matter and I congratulate you now that you are done with it. I wish you could do as much by me in the matter of the Alaska book.

With best wishes.

Very truly yours,

C. Hart Merriam.

L 438
M. 451

Nov. 3, 1900.

Dear Mr. Lanier:

Your letter of the 2nd instant has just reached me, together with the proofs of lettering from the Heliotype company, and also the Orchid and Pavlof plates. The orchid plate is lettered correctly except that in the word Oakes, a 'c' is used instead of an 'e', as I have marked on the accompanying proof herewith returned.

Before this I had hoped to send you all of the remaining Spader drawings for reproduction, but have been delayed by our local Photo-engraver who has not returned the originals. I have sent for them today in such manner that I think there can be no doubt that they will come back this evening, in which case, I will put them with the others I have been holding and send the whole batch to you at once to be engraved by Wright.

If you have come across those Spader proofs which you were unable to find a short time ago, I shall be greatly obliged if you will send them to me in order to complete my set; otherwise, I shall have to ask the New Era people to pull a few special proofs for me and it will be difficult to designate the missing ones. I am returning to you herewith a number of old proofs you sent me with the last batch, and of which I already have duplicates.

Have you any idea why the photogravure people do not return the prints of the photographs sent them, and also why they

do not return the positive they have done with; also the Stanley-Brown negatives which were sent to Andrew early in August? The photogravures from these we have already approved. It is hard to keep things checked up when we have so many little outstanding odds and ends in so many different directions.

Very truly yours,

C. Hart Merriam.

Mr. H. W. Lanier,
Doubleday, Page & Co.
New York.

Nov. 3, 1900.

Dear Stanley - Brown:

I have received from you today a package forwarded from Curtis containing a new negative made by him to replace one that was broken in printing the album sets. It is one of my fur-seal pictures.

Very truly yours,

E. Nast Curtis

J. Stanley - Brown.
120 Broadway,
New York.

Washington
Nov. 4, 1900.

Mr A.H.Hershey,
New Era Printing Co.
My dear Sir:

Herewith I am returning the page proof of the first part of Grinnell's paper for another revise, with special reference to the correct placing of the cuts.

The paged matter ends on p. 149, and galley 40 follows. You have galleys 40 and 41, but I would not advise paging more than a very few pages at a time till the cuts are satisfactorily disposed of.

Very truly yours,
C. Hart Merriam

Washington
Nov. 4, 1900.

Mr. A. H. Hershey,
New Era Printing Co.
My dear Sir:

By this mail I am sending you another MS for the Harriman Alaska Expedition book. It is entitled: Days among Alaska Birds, by Charles Keeler, and all of it goes in 12 point type.

Respectfully,

Edward Harriman

Nov. 5, 1900.

My dear Stanley-Brown:

Herewith I am transmitting a batch of October bills as follows:

Memorandum of bills sent through editor's office for month of October, 1900.

A. Hoen & Co., 17 photo-lith plates.....231.20
Louis S. Williams, 1 wood engraving, sea-lion..... 30.00
E. R. Merry, Jr., Stenography..... 12.00
C. Hart Merriam, expenses editor's office..... 17.28

$290.48

The only one of these which requires any explanation is that of Hoen for seventeen photo-lith plates furnished the Washington Academy of Sciences to accompany papers by Ritter, Coville and others, announcing results of the work of the expedition in special lines and describing new species. Mr. Harriman agreed to pay for these plates. The additional expense is small as the same stones are used for printing the edition of the book, so the additional expense amounts to press work and paper with the saving of 10% in paying direct instead of through the publishers.

I am sending you herewith the brochures of the Academy's

Proceedings containing the Harriman expedition material so far as now published. A number of additional papers are at present in the printer's hands.

Very truly yours,
C. Hart Merriam.

J. Stanley-Brown.
120 Broadway.
New York.

L444
M454

Nov. 5, 1900.

My dear Mr. Lanier:

Yours of the 3rd instant received. By the way, if you will send mail and express packages to my house, 1919 16th Street, instead of to the Department of Agriculture, you will expedite matters and at the same time save me from lugging home a lot of packages every day.

In reply to your letter of yesterday, it had not occurred to me that the slight amount of yellow in the sample of cream fiber paper you sent me a short time ago would perceptibly affect the color of the colored plates. If there is the slightest danger of this, I would insist on seeing a sample or two before making a final decision. My opinion is that it will not perceptibly affect the colors.

With respect to Andrew's query of the second instant, the photograph prints of Eskimo in boats (mounted on a card) were trimmed as desired, and the enlargement was called for in order to give us more effective pictures. I have already enlarged these photographs and find that the enlargements are incomparably more impressive than the small prints. The part to be enlarged is, in each case, the print as pasted on the card.

With respects to the Eskimo Winter house, of which you have never received a positive from Curtis (No. 450), I think the best thing to do at this late date is to make a photogravure direct from the photograph, a copy of which I send you herewith

for that purpose. You will observe a blemish on this photograph which will require a little retouching before the photogravure is made. The picture is an important one, as it is the only one we have showing a finished Winter house. We are giving several of the summer Topeks and need this one to complete the series, particularly as the winter houses are mentioned by Burough and described in detail by Grinnell.

Very truly yours,

C. Hart Merriam -

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square,
New York City.

Nov. 5. 1900.

Dear Spader:

Thanks for your letter of the 3rd inst. transmitting bills and list of drawings made since the previous batch, all of which are entirely satisfactory so far as I am concerned.

It is now getting so late I am a little anxious about the Bogoslof views. Can you not let me have them soon?

Trusting that you are not working too hard, I am, with best regards,

Very truly yours,

C. Hart Merriam

Mr. Spader.
170 Twelfth St.,
Brooklyn.

Original Defective

L 4511
N.

Nov. 5, 1900.

Dear Mr. Lanier:

Since writing you a few minutes ago, I set out to do up the photograph, No. 450, which I promised to send, and find to my surprise that I had made a mental transposition of the two pictures and nos. concerning which we have had so much correspondence of late, namely, 367 and 450. I find that the Eskimo winter house is 367 (of which you have recently sent the positive to Andrew) and that 450 is the Chief's house at the Deserted Village. This I now send enclosed herewith.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
34 Union Square,
New York City.

Original Defective

PAPERS FROM THE HARRIMAN ALASKA EXPEDITION

I

DESCRIPTIONS OF 23 NEW MAMMALS FROM ALASKA AND BRITISH NORTH AMERICA

By

C. Hart Merriam

In the early spring of 1899 Mr.Edward Harriman of New York, in cooperation with the Washington Academy of Sciences, organized, at his own expense, an expedition to Alaska. He invited as his guests about twenty-five scientific men, representing various branches of research. The expedition sailed from Seattle May 30, on the iron steamship 'Geo.W. Elder', especially chartered for the purpose, and was gone just two months. The details of the route and work were arranged by special committees, and the vessel was equipped and operated in such manner as to secure maximum results with a minimum expenditure of time.

Work was done at a large number of localities, from British Columbia to Bering Strait, and extensive collections were made, particularly in the fields of zoology and botany. The technical results will appear from time to time in these Proceedings, and later will be collected in a special report on the expedition. Mr.Harriman ~~has generously offered to~~ will provide the illustrations.

In studying the material brought back by the expedition, comparisons have been made with material collected by others in Alaska and adjacent parts of boreal America, and in some instances new species from points outside of Alaska have been thus brought to light. In such cases the new species have been included in order to render the results more complete and useful.

The present paper comprises descriptions of twenty mammals believed to have escaped previous recognition. Papers on other subjects will follow in the near future.

The new mammals here described, with their type localities, are:

Vulpes harrimani	Kadiak Island, Alaska.
hallensis	Hall Id., Bering Sea, Alaska
Sorex glacialis	Glacier Bay, Alaska
tundrensis	St. Michaels, Alaska
personatus arcticus	St. Michaels, Alaska
alascensis shumaganensis	Popof Id.,Shumagan Ids.,Alaska
navigator alaskanus	Glacier Bay, Alaska
Spermophilus osgoodi	Ft. Yukon, Alaska
barroensis	Point Barrow, Alaska
beringensis	Cape Lisbourne, Alaska
Microtus innuitus	St. Lawrence Id., Alaska
yakutatensis	Yakutat Bay, Alaska
popofensis	Popof Id.,Shumagin Ids,Alaska
abbreviatus fisheri	St.Matthew Id., Bering Sea,
macfarlani	Ft.Anderson,N of Gt.Bear Lake.
Evotomys orca	Orca, Prince William Sound
Dicrostonyx unalascensis	Unalaska, Alaska
nelsoni	St. Michaels, Alaska
richardsoni	Ft. Churchill, Hudson Bay
Lemmus alascensis	Point Barrow, Alaska
yukonensis	Charlie Creek, Yukon River,
Erethizon ~~alascensis~~ myops	- - - - - - Alaska
Lepus ~~glacialis alascensis~~ arthus	Stepovak Bay, Alaska Peninsula
" othus	St. Michael
" am. dalli	Koyukuk River
" " macfarlani	Ft Anderson

VULPES HARRIMANI sp.nov. Kadiak Island Fox.

Type (skin) from Kadiak Island, Alaska. No. U.S.National Museum, Biological Survey Collection. Purchased in July 1899, at Kadiak, by C. Hart Merriam. Skull of another specimen, from Uyak Bay, Kadiak Island, no.98144 U.S.Nation Museum, Biological Survey Collection, July 1899. Collected and presented by Geo.Bird Grinnell.

Characters.---Size largest of the known North American foxes; ears small; tail enormous, constricted at base, largest on basal fourth and tapering thence ~~posteriorly~~ + tri; color tawny yellow; fur of posterior half of back grizzled and much coarser than that on rest of body; black of fore and hind feet greatly reduced.

Color.--Nose to between eyes pale dull fulvous, grizzled with whitish; top of head from between eyes to nape buffy whitish, grizzled with yellowish fulvous; anterior half of back bright yellowish fulvous, the color extending down over sides and belly nearly to median line; posterior half of back coarsely grizzled buffy whitish and dull fulvous, reddest along median line; underparts yellowish fulvous except chin, throat, inguinal region, and a narrow stripe on belly which are grayish buffy; ears black; fore and hind legs and feet dull pale fulvous with an irregular black patch on dorsal surface of forefoot, and a much smaller one on hind foot; tail grizzled grayish and yellowish fulvous, the fulvous most marked on median line of upper surface, the black tipped hairs less abundant than in related species but sufficiently plentiful on basal fourth of dorsal surface to form an indistinct black patch or spot; tip inconspicuously white or buffy white.

Cranial characters.--- Skull large and massive; postorbital processes only slightly developed (much less prominent than in any other known species); frontal sulcus very deep and reaching forward over posterior third or half of nasals; palate and maxillaries broad

V.harrimani 2

broad; bullæ large. Dentition heavy; premolars more robust than in the other species.

Measurements.---Type specimen [a dry skin]; Total length 1260; tail vertebrae [approximate] 450; Tail to end of hairs 550; greatest diameter of tail, hairs laid naturally 160; greatest diameter of tail, hairs spread 250.

Cranial measurements.---Skull no. 98144 from Uyak Bay, Kadiak Island: Basal length 140; Zygomatic breadth 77; palatal length 74.5; postpalatal length 65; breadth across postorbital processes 33; interorbital breadth 27.5; postorbital constriction 22.5; greatest breadth of rostrum over roots of canines 25.3; lateral series of teeth (from front of canine to back of last molar)65.

SOREX GLACIALIS sp.nov.

Type from Point Gustavus, on east side of entrance to Glacier Bay, Alaska. No.97909 ♂ ad. U.S.National Museum, Biol. Survey Coll. June 12, 1899. A. K. Fisher. Orig.No.2056.

Similar to S. longicauda but with decidedly smaller fore and hind feet (hind foot 14 or less instead of 15), much smaller skull and teeth, and smaller, less conspicuous ears; upperparts darker, underparts whiter and lacking the brownish fulvous wash which is conspicuous in longicauda.

Color.--Upperparts dark dusky brown; underparts abruptly whitish with distinct line of demarkation on side of face and neck; tail above and at tip all round, brownish dusky; below buffy.

Cranial characters.--Skull and teeth as in longicauda (3d unicuspid smaller than 4th) but skull smaller and shorter, and molariform teeth much smaller.

Measurements.--Type specimen: Total length 122; tail vertebræ 52; hind foot 14. Another male from type locality: total length 123; tail vertebræ 53; hind foot 13.5.

SOREX TUNDRENSIS sp.nov.

Type from St. Michaels, Alaska. No.99986 U.S.National Museum, Biol. Survey Coll. Sept. 13, 1899. W. H. Osgood. Orig. No.902.

Characters.--Size large; tail rather short; coloration strikingly peculiar: bicolor in winter; tricolor in summer; the drab brown of back restricted to a sharply defined dorsal area in strong contrast to pale color of sides which is silvery in winter overlaid with brownish wash. The only species having the same pattern is the larger and very much darker S. richardsoni, whose sides are never silvery.

Color.--Summer pelage (tricolor): Top of head and broad dorsal area brown (usually drab brown); flanks and sides abruptly paler, usually pale buffy brown; underparts soiled whitish; tail above brown, becoming dusky all round at tip, below buffy. Winter pelage (bicolor): Dorsal area drab brown, darkest posteriorly; flanks, sides, and underparts silvery whitish in striking contrast. Owing to the much greater length of fur in winter the animal appears larger.

Cranial characters.--Skull and teeth (3d larger than 4th) as in S. richardsoni, but slightly smaller; constriction slightly broader; large premolar and unicuspidate series smaller and shorter.

Measurements.--Type specimen: Total length 108; tail vertebrae 32; hind foot 13. Average of ten adults from type locality: Total length 108; tail vertebrae 32; hind foot 13.

SOREX PERSONATUS ARCTICUS subsp.nov.

Type from St. Michaels, Alaska. No. 97057 ♂. U.S.National Museum Biol.Survey Coll. Sept.14,1899. W. H. Osgood. Orig. No. 910

Similar to personatus but slightly larger; tail longer; color much paler, particularly on underparts which in both summer and winter pelages are conspicuously whiter. In summer pelage the upperparts are pale drab brown, the underparts ashy whitish. In winter pelage the fur is much longer and fuller; the upper parts dusky brownish with a fine 'pepper and salt' appearance; the underparts (encroaching on flanks) silvery whitish with only the palest buffy suffusion, and this is sometimes absent. The skull is slightly longer than in personatus; the unicuspidate teeth decidedly larger.

Contrasted with subspecies streatori, which it resembles in size, it differs markedly in coloration, being very much paler both above and below, and entirely lacking the brownish fulvous wash on the underparts.

Measurements.--Type specimen: Total length 108; tail vertebrae 39; hind foot 12. Average of ten adults from type locality: Total length 103; tail vertebrae 37; hind foot 12.

SOREX ALASCENSIS SHUMAGINE subsp.nov.

Type from Popof Id., Shumagin Islands, Alaska. No.97993 ♂ ad. U.S.National Museum,Biol.Surv.Coll. July 1899. DeAlton Saunders. Orig.No.2210

Similar to S. alascensis but slightly smaller and paler; upperparts more pepper and salt; underparts much whiter and without the brownish or fulvous wash; flanks showing a tendency to the development of a pale buffy-fulvous band.

Cranial characters.--Skull and teeth as in alascensis(3d unicuspid much smaller than 4th) but slightly smaller.

Measurements.--Type specimen: Total length 112; tail vertebrae 42; hind foot 14.

SOREX MAVIGATOR ALASKANUS subsp.nov.

Type from Point Ostravia, Glacier Bay, Alaska. No. 97713 ♂ ad. U.S.N.M. Orig. No. 2086. Collected June 15, 1890, by L. M. Turner.

Similar to *navigator* but smaller; skull shorter and more massive; interparietal and fossa shorter; braincase less abruptly inflated behind constriction; constriction broader; sagittal crest much more highly developed and appearing relatively in young skulls; tooth row shorter.

Measurements.--Type specimen: Total length [illegible]; tail vertebræ [illegible]; hind foot [illegible]. Another male from type locality: Total length [illegible]; tail vertebræ 72; hind foot 14.

Color.--Upperparts plumbeous or slate gray with a decided 'pepper and salt' appearance; underparts and feet whitish; tail above and at tip all round, dusky; below whitish.

Fulvous.

Cranial characters.--Skull [illegible] like that of *S[illegible]*sis, from which it differs in the [illegible] of the [illegible] *navigator* the premaxillæ fill about [illegible] the nasals.

Range.--[illegible]

[illegible] the type locality (Glacier Bay) and [illegible] the rest of the belly (rusty [illegible]

Original Defective

Subgenus Neosorex

SOREX NAVIGATOR ALASKANUS subsp.nov.

Type from Point Gustavus, Glacier Bay, Alaska. No.97713 ♂ ad. U.S. National Museum, Biol. Survey Coll. June 12, 1890. A. K. Fisher. Orig. No. 2068.

Similar to navigator but smaller; skull shorter and more massive; interpterygoid fossa shorter; braincase less abruptly inflated behind constriction; constriction broader; sagittal crest much more highly developed and appearing relatively young in skulls; tooth row shorter.

Measurements.--Type specimen: Total length 150; tail vertebrae 65; hind foot 18. Another male from type locality: Total length 160; tail vertebrae 72; hind foot 19.

Color.--Upperparts plumbeous or slate gray with a decided 'pepper and salt' appearance; underparts and feet whitish; tail above and at tip all around, dusky; below whitish.

Original Defective

SPERMOPHILUS OSGOODI sp.nov.

Type--From Fort Yukon, Alaska. No. 12789/37822 ♂ ad. U.S.National Museum. April 29,1877. L.M.Turner. Original no.1635.

Characters.--Size rather large;tail longest of the group, and very red below; nose patch extending over top of head; belly very red in summer pelage. Dorsal vermiculations tending to breakinto spots.

Color.--- Summer pelage: Whole top of head (from nose to ears) deep ferruginous; neck, shoulders, and sides, grayish ,becoming deep fulvous on flanks; dorsal area fulvus, irregularly spotted with whitish; underparts, including sides of face, and fore and hind legs and feet varying from deep fulvous to ferruginous.

Winter pelage: Similar, but gray of neck and shoulders clearer and pushing forward on sides of face nearly to eye; dorsal vermiculations less broken into spots; thighs and flanks intense ferruginous; deep rusty of underparts interrupted by areas of grizzled grayish and fulvous.

Cranial characters.---Skull large and heavy like that of barroensis, from which it differs in the greater length of premaxillæ: in barroensis the premaxillæ fall short of the nasals; in [redacted] they surpass the nasals.

Remarks.--- S.osgoodi differs from all its relatives in the large size of the red nose patch, which covers the whole top of head, the presence (normally) of a fulvous dorsal area, the intensity of the red on the belly (rusty-red instead of fulvous), and the great

S.osgoodi 2

length of the tail. The thighs are usually as red[1] as in columbianus and erythrogluteus, thus differing markedly from all other known Alaska forms. I have named this striking and handsome species in honor of my assistant, Wilfred H. Osgood, who, during his recent trip down the Yukon, recognized it as new and obtained a fine series, which series, unhappily, was afterward lost as a sequal to the capsizing of his boat in the great river.

[1] An October specimen has the red thighs partly overlaid and concealed by a superficial grizzling of buffy gray and black.

SPERMOPHILUS BARROWENSIS sp.nov.

Type. from Point Barrow, Alaska. No. 14061/37824 ad. U.S.National Museum.

Characters.--Size largest of the known forms(hind foot m); coloration(in May, left over winter pelage) pale; prevailing tints buffy; back indistinctly spotted; skull large and massive.

Color.---Nose patch rather pale fulvous(not chestnut or ferruginous), fading on top and back of head to buffy fulvous; neck and sides buffy, grizzled with black hairs; back buffy fulvous irregularly speckled with whitish (the spotting partly due to wear); underparts, including legs and feet, buffy, palest on throat and around mouth, deepest on pectoral region, belly, and upper sides of hind foot; eyelids whitish; tail above, buffy, grizzled with black; below, buffy fulvous, bordered with black and edged with buffy.

Cranial characters.---Skull largest of the group, though only slightly larger than that of S.osgoodi from Fort Yukon; rostrum broad; frontal shield broad, its orbital margin strongly thickened and elevated, but not noticeably notched by supraorbital foramen; zygomata convergent, the anterior angle thickened but hardly apparent from above; jugal broad, but less expanded than in the much smaller kadiacensis; temporal impressions obsolete; bullæ large; meatus tube short and without distinct 'neck'; underjaw rather delicate, the angle strongly inflected but not massive as in kadiacensis. Molariform teeth large and heavy.

In cranial characters S.barrowensis is very close to osgoodi, both having large, broad, and massive skulls with faint or obsolete temporal impressions. In barrowensis the ascending arms of the premaxillæ are short, ending anteriorly to the nasal endings; in osgoodi they are long, passing the nasals. The unfortunate absence of an

authentic skull of S.empetra prevents comparison with that species.

Remarks.---Compared with skins of empetra from Hudson Bay barrowensis is decidedly larger and paler with a decidedly more marked tendency to spotting, the whitish dorsal vermiculations being more distant and more distinctly broken into spots. Compared with S.beringensis from Cape Lisburne, S barrowensis is not only larger and paler, but differs in the following particulars: ground color of back grayish buffy instead of fulvous; dorsal whitish bands narrower, more numerous, and less broken into spots; fulvous of nose patch and under side of tail much paler; upper side of tail grizzled buffy instead of ~~buffy gray; dorsal area not well defined~~ fulvous and black; black border of tail absent except at and near tip; sides of head buffy instead of buffy gray; dorsal area not well defined.

SPERMOPHILUS BERINGENSIS sp.nov.

Type from Cape Lisbourne (Coal Veins), Alaska. No.15253 ♂ ad. U.S. National Museum. May 1885. H.D.Wolfe.

Characters.---Similar to S.empetra from Hudson Bay but back more strongly fulvous, with the whitish dorsal vermiculations broken into distinct and distant spots; tail (apparently) longer and deeper fulvous, or even ferruginous; nose patch larger and less defined.

Color.--- Summer pelage (worn): Entire animal fulvous; becoming ferruginous on nose patch and underside of tail; palest on back; back distinctly spotted with buffy-whitish; tail broadly bordered with black.

Winter pelage: Nose patch brighter rusty, and in more abrupt contrast to surrounding parts, which are buffy grayish; side of face and neck buffy grayish; back deep fulvous, sparsely sprinkled with whitish spots; sides and underparts buffy to buffy fulvous.

Remarks ---Differs from all others in the distinctness of the spotting, and in the large size and relative broad spacing of the spots. Differs from barroensis in smaller size and much greater intensity of fulvous markings. The nose patch is bright ferruginous instead of pale fulvous; the dorsal area fulvous and well defined, and the underside of tail rusty instead of fulvous, with the black border reaching back along the sides [in barroensis it hardly extends beyond the tip]. The sides of the face are distinctly grayish instead of buff, and the fur on these parts is much longer and more fluffy, giving the head a very different expression. The dorsal spots are decidedly larger and farther apart.

MICROTUS YAKUTATENSIS sp.nov.

Type from north shore of Yakutat Bay, Alaska. No.98005 ♂ ad. U.S. National Museum, Biol. Survey Coll. June 19,1899. C. Hart Merriam. Orig. No. 2101.

Characters.--Size rather large; tail very short; coloration grayish brown or bister; feet and underparts whitish. Similar to sitkensis but feet smaller; tail much shorter; upperparts less fulvous; underparts and feet whitish instead of dark. Cranial characters as in sitkensis.

Color.--Upperparts bister or grayish brown intimately mixed with black hairs (which sometimes form a darker area along median line from occiput to shoulders), and grizzled with buffy fulvous; underparts whitish or buffy whitish, the plumbeous of underfur showing through; fore and hind feet whitish, tail sharply bicolor, narrowly blackish above, broadly whitish or buffy beneath.

Cranial characters.--Skull like that of sitkensis but differing slightly: nasals somewhat longer; jugals slightly larger.

Measurements.--Type specimen :total length 172; tail vertebrae 38; hind foot 21. Average of ten adults from type locality: Total length 165; tail vertebrae 37; hind foot 21..

SPERMOPHILUS BERINGENSIS sp.nov.

Type from Cape Lisbourne (Coal Veins), Alaska. No.15253 ♂ ad. U.S. National Museum. May 1885. H.D.Wolfe.

Characters.---Similar to S.empetra from Hudson Bay but back more strongly fulvous, with the whitish dorsal vermiculations broken into distinct and distant spots; tail (apparently) longer and deeper fulvous, or even ferruginous; nose patch larger and less defined.

Color.-- Summer pelage (worn): Entire animal fulvous; becoming ferruginous on nose patch and underside of tail; palest on back; back distinctly spotted with buffy-whitish; tail broadly bordered wih black.

Winter pelage: Nose patch brighter rusty, and in more abrupt contrast to surrounding parts, which are buffy grayish; side of face and neck buffy grayish; back deep fulvous, sparsely sprinkled with whitish spots; sides and underparts buffy to buffy fulvous.

Remarks ---Differs from all others in the distinctness of the spotting, and in the large size and relative broad spacing of the spots. Differs from barroensis in smaller size and much greater intensity of fulvous markings. The nose patch is bright ferruginous instead of pale fulvous; the dorsal area fulvous and well defined, and the underside of tail rusty instead of fulvous, with the black border reaching back along the sides [in barroensis it hardly extends beyond the tip]. The sides of the face are distinctly grayish instead of buff, and the fur on these parts is much longer and more fluffy, giving the head a very different expression. The dorsal spots are decidedly larger and farther apart.

MICROTUS YAKUTATENSIS sp.nov.

Type from north shore of Yakutat Bay, Alaska. No.98005 ♂ ad. U.S. National Museum, Biol. Survey Coll. June 19,1899. C. Hart Merriam. Orig. No. 2101.

Characters.--Size rather large; tail very short; coloration grayish brown or bister; feet and underparts whitish. Similar to sitkensis but feet smaller; tail much shorter; upperparts less fulvous; underparts and feet whitish instead of dark. Cranial characters as in sitkensis.

Color.--Upperparts bister or grayish brown intimately mixed with black hairs (which sometimes form a darker area along median line from occiput to shoulders), and grizzled with buffy fulvous; underparts whitish or buffy whitish, the plumbeous of underfur showing through; fore and hind feet whitish, tail sharply bicolor, narrowly blackish above, broadly whitish or buffy beneath.

Cranial characters.--Skull like that of sitkensis but differing slightly: nasals somewhat longer; jugals slightly larger.

Measurements.---Type specimen :total length 172; tail vertebrae 38; hind foot 21. Average of ten adults from type locality: Total length 165; tail vertebrae 37; hind foot 21..

Retake of Preceding Frame

MICROTUS ABBREVIATUS fisheri subsp.nov.

Type from St. Matthew Id., Bering Sea. No.97976 ♂ ad. U.S.National Museum, Biol. Survey Coll. July 15,1899. A. K. Fisher. Orig. No. 2189.

Characters.--Similar to M. abbreviatus but yellow suffusion even more intense, particularly on belly; nasals and rostrum(above) decidedly longer; zygomata more strongly bowed outward; bullæ broader, and less pointed anteriorly, and less flattened on outer side.

Measurements.--Type, ♂ ad.: Total length 178; tail vertebræ 32; hind foot 24. Average of 5 females from type locality: total length 166; tail vertebræ 26.5; hind foot 22.5. Skull of type: basal length 31.5; zygomatic breadth 19; mastoid breadth 14; nasals 9.8; molar series 7.3.

Original Defective

MICROTUS MACFARLANI sp.nov.

Type from Fort Anderson, north of Great Bear Lake, Arctic America. No. 31[illegible] ad. U.S. National Museum. R. MacFarlane. Orig. No. 3179.

Characters.--Size medium or rather large; tail short. Similar externally to operarius but size (apparently) larger; tail decidedly shorter; skull larger; ears small.

Color.--Upperparts uniform dull fulvous brown mixed with black hairs; underparts whitish, washed with buffy; hind foot brown with more or less whitish on toes; tail sharply bicolor, dusky above, soiled whitish below.

Cranial characters.--Skull similar to that of operarius but braincase broader; zygomata with outer sides longer and parallel (not broadest in middle); bullæ much more fully and roundly inflated; nasals shorter; mandible decidedly larger; incisors decidedly thicker (anteroposteriorly); molar series slightly if at all longer. Compared with yakutatensis the skull is shorter, flatter, and somewhat smaller; with molars decidedly smaller.

Measurements.--No measurements of fresh specimens are available. In the dry skin of the type the hind foot measures 18.5 and the tail approximately 32.

MICROTUS UNALASCENSIS POPOFENSIS subsp.nov.

Type from Popof Id., Shumagin Ids., Alaska. No.97956 ♂ ad. U.S. National Museum, Biol. Survey Coll. July 16,1899. W. E. Ritter. Orig. No. 2200.

Characters.--Size, external appearance, and coloration similar, unalascensis and kadiacensis, but cranial characters differing from both: contrasted with unalascensis the anterior end of frontal is less broadened, fails to develop a lachrymal tubercle; audital bullæ smaller and less inflated; incisive foramina larger and more broadly open anteriorly; zygomata more sharply elbowed at anterior base(as seen from above); jugal narrower. Contrasted with kadiacensis the anterior end of frontal is narrower and fails to develop a lachrymal tubercle; bullæ more inflated, blunter, and more rounded anteriorly; molars slightly larger.

In young specimens(and one adult, apparently in left over winter pelage) the fur is longer and softer, the upperparts are more buffy fulvous, and the white of the underparts is washed with yellowish buff.

Measurements.-- An adult female from type locality: Total length 188; tail vertebrae 43; hind foot 22.

MICROTUS UNNUITUS sp.nov.

Type from St. Lawrence Id., Bering Sea. Skull No.99373 ad. U. S. National Museum, Biol. Survey Coll. July 13,1899. C. Hart Merriam.

Characters.--External characters unknown.

Cranial characters.--Skull conspicuously different from any known species. Size large(considerably larger than unalascensis; somewhat larger than abbreviatus from Hall Id., and nearly double the size of operarius from St. Michaels); cranium angular and strongly marked by muscular impressions; zygomata heavy and broadly bowed outward, their anterior roots(seen from above) standing outward and forward; the jugals slightly expanded and parallel; braincase large, squarely truncate anteriorly; nasals large, long and cuneate; rostrum large and massive, with prominent lip at anterior border of antorbital foramen; incisive foramina constricted posteriorly; audital bullæ large(much larger than in any other known species from the region about Bering Sea); incisors produced and strongly protruding; molars of same size as in abbreviatus; M^{1} with 3 closed triangles; M$_{1}$ with 4 closed triangles (2 on each side).

Measurements.--Total length unknown; tail vertebræ 43-45; hind foot 22-24. Skull(type): basal length 32.5; zygomatic breadth 19.5; mastoid breadth 15.5; nasals 9; molar series 7.2.

Remarks.--During our brief stop at North East Cape on St. Lawrence Id., on the afternoon of July 13, several of these voles were seen but no fresh specimens were secured. The borders of a long slough or series of ponds on the tundra were cut up by an interlacing network of their deeply worn trails and tunnels. I gathered a pocketful of pellets dropped by owls or jaegers, containing their remains. From these a dozen more or less perfect

M. innuitus 2

skulls and many parts of skeletons were obtained. The skull is easily recognized by its large size, broadly spreading zygomata, large bullæ,and strongly protruding upper incisors.

EVOTOMYS ORCA sp.nov.

Type from Orca,Prince William Sound,Alaska. No.98028 ♀ ad. U.S. National Museum,Biol.Survey Coll. June 28,1899. A.K.Fisher. Orig. No.2139.

Characters.--Size medium; coloration dark; feet and tail dusky.

Color.--Dorsal area dark chestnut or hazel; sides yellowish or buffy drab, intimately mixed with black hairs and darkest on rump; face very dark, grizzled with buffy gray and black; underparts deep buffy or buffy ochraceous, the plumbeous underfur showing through; hind feet dusky; tail above dusky from base to tip, below buffy.

Cranial characters.--Skull similar to that of dawsoni(with large subquadrate braincase and strongly developed postorbital crest of squamosal)but with decidedly smaller bullæ and decidedly larger incisors, particularly the upper ones. The underjaw is thicker and the angular process less flaring.

Measurements.--Type: Total length 138; tail vertebræ 30; hind foot 20. Average of 6 specimens from type locality: Total length 140 ; tail vertebræ 32 ; hind foot 20.

Remarks.--The coloration varies somewhat, and the differences are probably seasonal. The type, which appears to be in fresh summer pelage, is in the darkest stage. Other specimens, apparently in left-over winter pelage, or in the molt, are paler, but still have the characteristic dark feet and tail. In 6 out of the 7 specimens secured by us in Prince William Sound, the underparts are strongly suffused with buffy ochraceous; in one only they are whitish(98035).

DICROSTONYX UNALASCENSIS sp.nov.

Type from Unalaska, Alaska. No. ad. U.S.National Museum, Biol. Survey Coll. July 8 ,1899. C. Hart Merriam. Found in owl pellets.

Characters.--Size rather large, equaling or exceeding D. hudsonius from Labrador; external characters unknown. Skull large and broad with subquadrate braincase, broadly spreading rounded zygomata, broadly sulcate frontal ~~(interorbitally)~~ and prominent peg-like postorbital processes of squamosal.

Compared with D. hudsonius from Chimo, Ungava, the anterior angle of the zygoma is less expanded, jugal longer, angle of mandible broader and more strongly everted, bullæ much larger; upper incisors much broader; M^1 with 3(instead of 2) closed triangles on inner side in addition to posterior(or heel) loop; M^2 with 2d loop on inner side normal and separated by full interspace from anterior crescent of M^2, and with posterior(heel) loop on outer side complete. In hudsonius the 2d loop on inner side is narrowed or flattened and in contact with M^2, and the posterior loop on outer side is absent or reduced to a small remnant.

DICROSTONYX NELSONI sp.nov.

Type from St. Michaels, Alaska. No. 5488 / 6163 ♀ yg.ad. Merriam Coll. [illegible].

Characters.--Size rather small; a dark dorsal stripe present in [illegible] pelage; [illegible] pelage white.

Color.--Type specimen in change from winter to summer pelage (date unknown): Upperparts from halfway between nose and eyes to rump finely mixed chestnut and yellowish white(hairs with chestnut tips and a broad subapical zone of yellowish or buffy) becoming darker posteriorly; rest of animal (including nose,cheeks, feet and tail), yellowish white with indistinct fulvous markings as follows: a patch on each side posteriorly, one on pectoral region, reaching up on sides of neck to ears, and a ring around(but not reaching) base of tail; a dark brownish median stripe reaching from middle of back to ring around tail.

Cranial characters.--Skull similar to that of unalascensis in general form, form of zygoma and jugal, and enamel pattern , but smaller, and differing from all known species in the bullæ, which are very small and narrow; incisive foramina short; molars small and rather narrow, but not quite so narrow as in richardsoni.

Measurements.--(Type specimen, measured from alcoholic [illegible]): Total length 118; tail vertebræ 13; hind foot 18.

DICROSTONYX RICHARDSONI sp.nov.

Type from Fort Churchill, Hudson Bay. No. 5489/5164 - ♂ ad. Merriam Collection. July 1859. W. Mactavish.

Characters.--Size large; fur long and silky; 3d nail of fore-foot much larger than 4th; bullæ broadly rounded and somewhat depressed.

Color.--Type specimen in winter pelage: silky white all over.

Cranial characters.--Skull large; zygomata very broad and squarely spreading; rostrum and nasals long, frontals rather narrow interorbitally; bullæ depressed, broadly and roundly inflated. Molar series narrow; enamel pattern as in nelsoni and unalascensis (not as in hudsonius). Distinguishable at a glance from all known species by the broadly rounded and rather depressed bullæ. In the small narrow molars resembles nelsoni but differs from all others.

Measurements.--(Type specimen) measured from alcohol by C.H.M: Total length 143; tail vertebræ 14; hind foot 20.

LEMMUS ALASCENSIS sp.nov.

Type from Point Barrow, Alaska. No. 8991/6166 ♀ ad. Merriam Collection

Characters.--Size medium, slightly smaller than either lemmus nigripes; ears smaller than in nigripes; feet and nose pale.

Color.--Type specimen (in alcohol), and a skin (from alcohol) from St. Michaels: Entire animal golden fulvous, darkest on head, where it is mixed with black hairs; brightest on sides, where it is almost orange fulvous; palest on feet and around mouth.

Cranial characters.--Skull similar to that of lemmus but slightly smaller; braincase smaller and less flattened; zygomata less widely spreading; angle of mandible much less everted; upper incisors heavier (broader). Compared with nigripes from the Pribilof Islands the differences are more marked: skull decidedly smaller and less massive; nasals much shorter and smaller; rostrum more slender; frontals not elevated into tubercles anteriorly; bullæ larger (more broadly inflated); angle of jaw much smaller and less everted. Molar series shorter.

Measurements.-- Type specimen, measured from alcohol by C.H.M): Total length 115; tail vertebræ 15; hind foot 18.

LEMMUS YUKONENSIS sp.nov.

Type from Charlie Creek, Yukon River, Alaska. No.98849 ♀ ad. U.S. National Museum, Biological Survey Coll. Aug. 9,1899. W.H.Osgood, Orig. No. 769.

Characters.--Size small; ears relatively large; general color dark anteriorly, with bright fulvous rump and flanks; audital bullæ immense.

Color.--Head, shoulders, and anterior half of back grayish brown, grizzled with black and yellowish fulvous, darkest on top of nose; rump and hinder part of back rich rusty fulvous or orange fulvous; lower sides and belly golden fulvous, deepest and brightest on flanks; sides of nose grayish or grayish brown; a band of golden fulvous on lower part of ~~sides of~~ face from nose to below ear; fore and hind feet dusky; tail bicolor, dusky above, buffy below.

Cranial characters.--Skull very different from any species known to me; braincase (as seen from above) large, broad, and produced posteriorly to cover the enormously enlarged bullæ; frontal narrow interorbitally, with a narrow median sulcus, but not 'pinched in' as in L. alascensis; rostrum small; zygomata squarely set but not widely spreading, the sides parallel; interparietal large, usually pentagonal; incisive foramina rather short; bullæ large and strongly inflated.

Measurements.--Total length ; tail vertebræ ; hind foot .

VULPES HALLENSIS sp. nov. Hall Island Arctic Fox.

Type from Hall Island, Bering Sea, No. U. S. Nat. Mus., Biological Survey Collection, July [illegible].

Characters.--

Skull shorter and broader.

Color.--Head sooty, grizzled between eyes and on sides of face with whitish hairs; back (rather narrowly), shoulders, and upper surfaces of legs sooty brown; sides and underparts buffy; chin and anterior part of throat dusky grayish, bare dusky, edged with buffy white; Sides of nose and extreme tip of chin whitish; ankles and hind feet dusky, sprinkled or grizzled with whitish hairs; tail strongly bicolor: above, dusky at base like back, becoming yellowish buff distally; beloe, yellowish whitish.

Cranial characters.--Compared with Vulpes lagopus from Lapland, the skull is shorter both anteriorly and posteriorly (rostrum shorter, and also base of skull behind molars); the bullæ larger, with an inflated posterior projection pushing out behind the meatus tube and directed outward as well as backward, giving a semicircular curve to the axis of the bulla (viewed from below), meatus tube more sharply defined, basioccipital narrower between bullæ. Lower premolars (especially 2d and 3d) smaller; 4th upper premolar and 1st molar more robust. Ratio of zygomatic breadth to basal length of skull 66.8 [In a Lapland skull this ratio is 58.]

Measurements.--

ERETHIZON EPIXANTHUS MYOPS subsp.nov.

Type from Portage Bay, Alaska Peninsula. No.59140 ♀ old, U.S.National Museum. September 1893. Chas.H. Townsend.

Characters.--Similar to E.epixanthus but tail and hind feet shorter; body, [illegible] and sides of tail even yellower; face whiter from more abundant admixture of yellowish white hairs on sides of face and between eyes, so that the fore part of head appears almost grayish instead of sooty.

Cranial characters.--Compared with typical epixanthus from California the skull as a whole is much shorter, broader, and more rounded (less angular); occipital and sagittal crests absent or much less developed; zygomata bowed strongly outward [instead of sub-triangular], the outer side convex outward [not flat]; braincase short, broad between posterior roots of zygomata, and tapering posteriorly so that the breadth between squamosals anteriorly is much greater than breadth of occiput [instead of subequal]; outer wall of anterbital vacuity (seen from the side) nearly straight and vertical [instead of strongly concave].

VULPES HALIENSIS sp. nov. Hall Island Arctic Fox.

Type from Hall Island, Bering Sea, No. U. S. Nat. Mus., Biological Survey Collection, July [illegible].

Characters.--

Skull shorter and broader.

Color.--Head sooty, grizzled between eyes and on sides of face with whitish hairs; back (rather narrowly), shoulders, and upper surfaces of legs sooty brown; sides and underparts buffy; chin and anterior part of throat dusky grayish; ears dusky, edged with buffy white; sides of nose and extreme tip of chin whitish; ankles and hind feet dusky, sprinkled or grizzled with whitish hairs; tail strongly bicolor: above, dusky at base like back, becoming yellowish buff distally; below, yellowish whitish.

Cranial characters.--Compared with Vulpes lagopus from Lapland, the skull is shorter both anteriorly and posteriorly (rostrum shorter, and also base of skull behind molars); the bullæ larger, with an inflated posterior projection pushing out behind the meatus tube and directed outward as well as backward, giving a semicircular curve to the axis of the bulla (viewed from below); meatus tube more sharply defined; basioccipital narrower between bullæ. Lower premolars (especially 2d and 3d) smaller; 4th upper premolar and 1st molar more robust. Ratio of zygomatic breadth to basal length of skull 66.8 [In a Lapland skull this ratio is 58.]

Measurements.--

ERETHIZON EPIXANTHUS MYOPS subsp.nov.

Type from Portage Bay, Alaska Peninsula. No.59140 ♀ old, U.S.National Museum. September 1893. Chas.H. Townsend.

Characters.---Similar to E.epixanthus but tail and hind feet shorter; body, [illegible] and sides of tail even yellower; face whiter from more abundant admixture of yellowish white hairs on sides of face and between eyes, so that the fore part of head appears almost grayish instead of sooty.

Cranial characters.---Compared with typical epixanthus from California the skull as a whole is much shorter, broader, and more rounded (less angular); occipital and sagittal crests absent or much less developed; zygomata bowed strongly outward [instead of sub-triangular], the outer side convex outward [not flat]; braincase short, broad between posterior roots of zygomata, and tapering posteriorly so that the breadth between squamosals anteriorly is much greater than breadth of occiput [instead of subequal]; outer wall of anterior vacuity (seen from the side) nearly straight and vertical [instead of strongly concave].

LEPUS othus sp. nov.

Type from St. Michaels, Alaska. Skull 15863 U. S. Nat. Mus. Collector, Turner.

Characters.--Size very large (hind foot 174), winter pelage white all over except extreme tips of ears, which are black.

Cranial characters.--The skull of Lepus othus is so large, broad, and massive that it does not require comparison with the glacialis series from eastern Arctic America, but only with tschuktschorum from the region about Plover Bay, Siberia. From tschuktschorum it differs in the following particulars: frontals slightly broader interorbitally; nasals narrower and less flattened; supraoccipital shield narrower, much longer than broad [in tschuktschorum decidedly broader than long]; jugal decidedly narrower (less expanded vertically), longer posteriorly (protruding farther behind squamosal root of zygoma), and with muscular impression on outer face decidedly narrower anteriorly; basioccipital narrower; incisive vacuity smaller.

LEPUS poadromus sp. nov.

Type from Stepovak Bay, Alaska Peninsula. No. 98068 U. S. Nat. Museum, Biological Survey Collection. July 8, 1899, Charles Palache.

Characters.--Size smaller than Lepus othus from St. Michaels but larger than the members of the glacialis series from eastern Arctic America; ears about as in [illegible] but hind feet and tail shorter; color in summer pelage grizzled gray with a fulvous tinge on head.

Color.--Nose and head dull fulvous with a buffy ring around eye; cheeks dull fulvous, grizzled with longer, black and buffy; [illegible] hairs; ears grizzled fulvous and black on anterior face, becoming white posteriorly, and narrowly edged with white except on basal third of anterior margin which is grizzled fulvous and black like rest of anterior face; back, sides, and outer surface of hind legs gray, grizzled with buffy and black; fore legs grizzled grayish fulvous, becoming pale dull fulvous on dorsal surface of feet and mixed with white hairs about toes; hind feet mainly white; tail hoary or grayish white, becoming dusky along median line above; chin and lips whitish; throat with a broad grayish collar; pectoral region, [illegible] strip down belly, and inner sides of legs, whitish.

Cranial characters.--Compared with its nearest known relative, L. [illegible] from St. Michaels, the rostrum, nasals, braincase, palatal bridge, and incisive vacuity are narrower, while the frontal breadth remains essentially the same; nasals in particular much narrower and more arched transversely; pterygoids broader; hamular processes more produced and hooked; angular process of under jaw with everted edge much broader posteriorly.

Remarks.--Unfortunately no skins of L. othus in summer pelage are available for comparison. Compared with a skin of tschuktshorum from Arikamchichi Island (No. 3884 U. S. Nat. Mus.) the fulvous of the nose and head is very much darker.

LEPUS AMERICANUS DALLI subsp. nov.

Type (skull) from Koyukuk River, Alaska, No. 7561, U.S. National Museum. W. H. Dall.

Characters.--External characters unknown.

Cranial characters.--Skull large; nasals long and slender; posterior part of mandible greatly enlarged. Compared with typical americanus from Ungava, Hudson Strait, the skull of dalli is very much larger (basal length 67mm instead of 61 or less); rostrum, nasals, and incisive vacuity decidedly longer; jugal longer and more broadly expanded (vertically); mandible very much larger and more expanded posteriorly; molariform teeth larger.

Remarks.--Superficially the skull of dalli resembles that of subspecies virginianus from Ossipee, New Hampshire, much more closely than typical americanus; the agreement in size is better and both have rather long, slender nasals. But dalli has a much broader braincase, longer and heavier zygomata, broader jugals, and differs in other particulars. Compared with its geographical neighbor, L. macfarlani from Fort Anderson, it may be distinguished at a glance by its slender nasals and rostrum, longer zygomata, and much larger mandible.

LEPUS AMERICANUS MACFARLANI subsp. nov.

Type (skull) from Fort Anderson, north of Great Bear Lake, Arctic America. No. 14467 U. S. National Museum. R. MacFarlane.

Characters.--External characters unknown.

Cranial characters.--Skull similar to that of typical americanus from Hudson Strait but very much larger and heavier; nasals very broad (anteriorly as well as posteriorly) braincase less flattened; supraoccipital shield narrower and tapering posteriorly; mandible, molariform teeth, and lower incisors decidedly larger. Compared with dalli from the Koyukuk River the nasals are very much broader and blunter; rostrum broader and more massive; braincase higher (almost ridged along median line) and much less flattened; supraoccipital shield narrower posteriorly (more tapering); mandible less expanded and broadened posteriorly.

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Nov. 1900 - June 1901

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~~Ho-Lytle~~

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M-4

Nov. 6, 1900.

Dear Mr. Lanier:

I am sending you by express today a package of drawings for reproduction. Some of these have been already ~~done~~ reproduced but will benefit by a slight change in size, as indicated in each instance. Most of them are the new drawings made by Spader during his recent visit here. There are also two of Hudson's (Murres and Young fur-seals), and one by Baldwin (a portrait of Robert Kennicott).

Among Spader's drawings are several with the vertical or slanting sky lines to which Mrs. Harriman objects. I have marked these for white lining lightly. If this is done skilfully and the sky lines are not etched to deep, I think they will satisfy the requirements.

You will observe also that I am sending back the old picture of Serpentine Glacier for a new block. This is to remedy the unhappy transposition of glaciers on pages 72 and 73 of Burroughs's paper. The Serpentine will have to be reduced smaller in order to get it into the place intended for it(which is occupied by the Barry)

Following is a list of the drawings sent you herewith:

Hunya Sealing Village.
Sherman's Grave, Cape Fox.
Murres.
Young fur-seals.
Seal meat rack.
Seal-oil vessel.
Sealing camp with women sculping.
Squaw sculping with stone knife.
Bogoslof Islands, Distant view.

2

Bogoslof Islands, near view.
St. Paul Village, Pribilof Islands.
Turner Glacier.
Davison Glacier (two drawings).
Fox Kennel, Kadiak.
Greek Church at Unalaska.
Crevasses on Muir Glacier.
Albatrosses in water.
Serpentine Glacier.
Robert Kennicott.
3 Eskimo women (to go on one block).

I shall be greatly obliged if you will have cuts made of these as soon as practicable and send me four copies of each of the proofs.

Very truly yours,

E. Hart Harriman

Mr. F. W. Lanier,
Doubleday, Page & Co.,
34 Union Square,
New York City.

3

Nov. 5, 1900.

My dear Sir:

I am returning herewith the galley proof of Dall's article on the Discovery and Exploration of Alaska for the Harriman expedition book. You will observe that I have attached four cuts, all portraits. Three of those you already have the blocks for; the fourth and last, that of Robert Kennicott, I am having a new block made for a little smaller than this. The new block will measure 3 7-8 inches in length (instead of 4 1-8 as at present) so you may allow this space in the page proof pending receipt of the block.

Very truly yours,

E. Hart Harriman

A. H. Hershey, Esq.,
New Era Printing Co.,
Lancaster, Pa.

2-1
M-7

Washington, D. C., November 9, 1900.

Dear Mr. Lanier:

Yours of the 7th instant is at hand. First of all I want to congratulate you on the success of your political labors in New York, the outcome of which is a great joy to us all.

As to the Eskimo photogravure --- the double plate one --- I want to have the photographs enlarged as much as possible in order to show the features, which come out splendidly in an enlargement, but which are insignificant in the small original. Inasmuch as our page is 7 inches wide, I thought we could stand 4 3-4 inches in this one instance, but if you think this too much I am willing to compromise with you on 4 1-2.

I am quite willing to agree with you in using the Barry glacier as frontispiece to the book. In having the lithographer put more blue in the ice, you and Mr. Gifford will, of course, see that the intense indigo is restricted to the deeper recesses of the ice caves. The legend under this picture should be simply 'Barry Glacier, Prince William Sound,' or if you prefer, it might be 'Barry Glacier, Entrance to Harriman Fiord, Prince William Sound.'

Roen is mistaken in thinking that he has no caption for the Pine Grosbeak. It is the bottom one on the 1st page of the list I sent you for Roen on Oct. 20, and reads:

Kadiak Pine Grosbeak, Pinicola enucleator flammula.

Kadiak, July 1899. Male.

The caption of the Pavlof painting should be 'Pavlof Volcanoes from Shumagin Islands.'

H. W. Lanier --- 2.

The two proofs of flowers have just arrived and are very beautiful, although in one or two places the tints are not exactly right. I will show them to Coville for his corrections at once. But you sent me only one proof of these, so that if I return it I will have none. I hate to harp on this string so much, but it does seem as if the men who are making reproductions for us ought to learn sometime that we require at least half a dozen proofs of everything, so that a special complaint need not be necessary every time a proof arrives.

The 4 photogravures submitted for lettering are also at hand. The 3 lettered ones are correct. The one lacking a caption I have returned with the proper legend indicated.

By the way, what has become of the revised proof of the Calypso Orchid? Coville tells me he has seen only the first proof, which was faulty in coloring.

Yesterday I received from Andrew a box containing 25 positives of the Curtis and Harriman photographs; 5 negatives belonging to J. Stanley-Brown; 1 negative belonging to Gilbert; 1 negative (the Barry glacier) belonging to the Biological Survey; and 33 prints, for all of which I am devoutly thankful. None of the positives or negatives were broken, although I regret to say nearly if not all of them are more or less badly scratched on the film side.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

a

Washington, D. C., November 9, 1900.

Maurice-Joyce Engraving Co.,
Star Building,
Washington, D. C.

Dear Sirs:

Your bill dated today has just arrived. This bill is for cuts made for the Harriman Alaska expedition book and should be made out in the name of E. H. Harriman, instead of in my name.

Two of the cuts were worthless. One curiously enough was the same one that I took back to you to have made over, because it was 4 1-2 inches in length, instead of 4 inches as called for on the original. The new block was 4 1-4 inches --- too large for our page; another case was the single figure of an Eskimo woman, which was to be reduced to 2 1-4 inches and blocked with two others. It was made 2 1-2 inches and could not be used.

Respectfully,

E. H. Harriman.

a

Washington, D. C., November 9, 1900.

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Star Building,
Washington, D. C.

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Respectfully,

E. Hart Harriman.

f-4
a-10

Washington, D. C., November 10, 1900.

Dear Mr. Lanier:

Herewith I inclose Coville's memorandum for corrections in coloring the salmonberry and columbine pictures, and also the captions for these pictures.

What has become of the proof of the Jaeger's Head which the Taber-Prang people had?

With respect to the size of the plate and position of the picture thereon, I quite agree with your own views on the subject. Our page, as I understand it, is 7 X 10 in the book. If it is to be trimed, a little margin will have to be allowed. If the book is to be trimed, the picture should be printed in the middle of the plate, as trimming will cut off on the one side just about as much as is needed for binding on the other. If, however, the book is not to be trimed and we have right hand plates throughout, which seems to me the simplest and best way, then a margin of 1-8 of an inch should be left on the left of each plate; in other words the picture should be printed 1-8 of an inch to the right of the center. By all means have the sideways plates face up, with the captions on the outside of the book.

Yours very truly,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

COLUMBINE

Aquilegia formosa Fisch. Sitka.

SALMONBERRY

Rubus spectabilis Pursh. Kadiak.

e

1-3
a-13

Washington, D. C., November 10, 1900.

A. H. Hershey
New Era Printing Co.
Lancaster, Pa.

My dear Sir:

Herewith I am sending you copy of an article entitled "Forests of Alaska," by B. E. Fernow, for the book of the Harriman Alaska expedition, to be set up in 12 point type throughout. I regret to say that I have not received any proof for the Alaska book lately, not even the revise of the 1st part of Grinnell's paper, returned sometime ago for changes in the position of cuts.

Since only about half of the Harriman Expedition book is in type at the present time and none of it finally disposed of, it seems to me that some lively work will have to be done somewhere between now and the early part of December to enable the publishers to put the book on the market in time for the Christmas trade as planed and advertised.

Respectfully,

C. Hart Merriam

1-7
11-14

Washington, D. C., November 17, 1900.

Dear Mr. Lanier:

This is the hardest piece of luck I have struck in a long time --- to be away at the time you were here. I much regret that I did not learn that you were coming until after my return yesterday afternoon, as it would have been a great pleasure to have had you with us. In spite of the chaos down stairs, we are fortunate enough to have a quiet bedroom in the third story. However, I can only hope for better luck next time.

I left home Sunday a week ago and had no letters forwarded. Your letters of the 12th, 13th, and 14th, therefore, were on my desk when I returned yesterday.

What I meant to say about the place on the page for the colored plates was that, if they were to be trimed, they could be exactly centered, as what was cut off on the outside would offset what was consumed by binding on the inside. If the pictures are printed 1-8 inch to the left of the center and another 1-8 is taken up in binding, the picture will appear 1-4 inch out of center on the page, which will hardly look well. It seems to me that the best way is to to center the prints. This will bring the broadest margin on the outer side. Is this not correct?

Herewith I return proofs of lettering inclosed in your letter of the 13th. The photogravures sent for corrected lettering have arrived and most of them are satisfactory. In the case of "B" in Bering Sea in the fur seal picture and the "S" in Cresent Glacier, I am unable to see that any change has been made. In the case of the two

corners of Harriman Glacier, the words,"Photographs by Curtis," in the lower lefthand corner are in very much larger type than in any of the other pictures of the series. In these pictures it is noticeable also that the water line is not level and that remnants of the word "Curtis," as shown on the original photograph,remain as a blemish and should be removed.

I find also 3 new photogravures, baskets, Eskimo winter hut, and members of the expedition. The Eskimo hut is a great success. There was a bad blemish on the original negative which has been partly corrected. I refer to the long streak on the left which comes down from the skin on top of the hut and crosses the large whalebone resting against the hut. A little more hand work here will render this last inconspicuous. There is also another blemish. It is on the background, the distant mountain slope close to the right side of the hut. I am delighted with this photogravure and am sure that after the corrections indicated have been made it will be the choicest Eskimo picture in the book. The baskets also are excellent. The 3d picture, showing members of the party, is not quite so good, particularly the middle part showing Burroughs and Muir. I received 2 proofs of each of the 3 above-mentioned and am returning one of each with the lettering indicated.

The picture of Hubbard Glacier is somewhat improved, but is by no means satisfactory. I am sure Andrew can lighten up the water still more. It is now light on the right and left with a broad dark streak through the middle. This dark streak should be lightened, so that the water will be uniformly light all the way across in front of the ice.

H. W. Lanier -- 3.

Part of it now looks like land instead of water, particularly in the immediate foreground.

Respecting the 3 Dellenbaugh paintings still remaining in your hands, the case, as I understand it, is as follows: It was impossible to have these reproduced in time to get the book out for Christmas, and consequently they were laid aside. If it proves impossible to get the book out for Christmas and its publication is deferred for a month or so, I suppose they are still up for consideration. You will remember that they were approved by Mrs. Harriman. It is so long since I have seen them, I have forgotten how they look.

Again regretting my misfortune in being away when you were here, I remain,

Yours very truly,

E. H. Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York City.

Z-9
N-21

Washington, D. C., November 17, 1900.

A. H. Hershey
New Era Printing Co.
Lancaster, Pa.

Dear Sir:

On returning from Boston I find your letters and several batches of proof, including page revise of Dall and galley of Keeler and also the title page. With respect to the latter, it seems to me the page would look better with the larger cut as you suggest, and also with less spacing between the cut and the title and between the title and the beginning of the article. It now looks dreadfully scattered to me, but I may be wrong.

Herewith I am sending you copy for an additional article for the Harriman Alaska book. It is on forests by Fernow. Will write you about the paper shortly.

Yours very truly,

E. H. Harriman

I-10
N-19

Washington, D. C., November 19, 1900.

Dear Mr. Lanier:

Your letter of the 17th instant has just arrived with proof of captions from the Taber-Prang people, which latter I return herewith. The type is entirely different from that used by the other lithographers, and, as you say, much larger. Please remind Taber-Prang that we have not yet received a second proof of the Jaeger's Head. Fuertes told me a few days ago that he regarded the colors on the first proof as very bad and that he had waited many months in vain in hopes of receiving a revised proof.

The Spader drawings and proofs you sent during my absence arrived duly, and I have now examined them. I regret to say that the reproductions are on the average decidedly inferior to previous lots done by Wright. A number of the blocks need here and there a little cleaning out with the graver. The one of the largest Eskimo women has a blemish under the eye which appears on all of the 4 proofs.

This afternoon the expressman brought me the original and proofs of the Polemoniums. It strikes me as heavy and inclined to be mechanical --- by no means so good as the 3 plant pictures previously made. I will pass it on to Coville this evening and return to you with his comments.

The photogravures of sea-lions from Hudson's paintings are O. K. Hudson is well pleased with them. They should be lettered as follows --- The one showing a number of animals on the ~~page~~ beach in the

H. W. Lanier -- 2.

foreground with others in a pond on the right should read:

Stampede of Sea-Lions, Bogoslof Volcano. July 8, 1891. From photographs by Merriam.

The one showing an old bull on a rock with others round about should read:

Sea-Lions, Pribilof Islands, Bering Sea. From photographs by Chichester.

I think other photogravures of sea-lions have been made of which I have not received revised proofs with captions.

Very truly yours,

C. Hart Merriam.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York City.

L-M-27

Washington, D. C., November 19, 1900.

Mr. W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Dear Spader:

On returning home after a weeks absence in Boston, where I have been attending the annual Congress of the American Ornithologists' Union, I find your letters of the 10th, 12th and 15th, and also 4 sheets of Bogoslof pictures and the drawing of gulls on the ice. All of these drawings are satisfactory with the single exception of a small part of the one showing old Bogoslof as seen from new Bogoslof. In this one the drawing does not show to my eye where the land ends in either direction. On the right the land stops off short, snug under the cliff; on the left it stops about 1-8 inch from the left side of the photograph. I am returning the drawing and photograph, so that you may indicate these land endings, as they are the particular things the drawing is intended to show. This ~~back~~ long bar which reaches out on the left was on the opposite side of the island when I first visited it it in 1891. In the course of a few days I hope to send you material for a few additional drawings.

With many thanks for the pains you have taken with these, I remain, with best wishes,

Very truly yours,
C. Hart Merriam.

L-M-26

Washington, D. C., November 19, 1900.

J. Stanley-Brown,
120 Broadway,
New York City.

Dear Stanley-Brown:

Inclosed herewith I am returning the October account of Doubleday, Page & Co. dated Nov. 13, which you sent me for approval. I have approved the Spader and Wright items, but am unable to approve Andrew's bill for engraving titles on photogravure plates. He has heretofore made a charge for engraving captions on his own plates and this charge has been paid, although, as you know, it is not usual for makers of plates to charge additional for the lettering. In the present instance he puts in a charge of $50 for engraving titles on 20 plates made elsewhere (probably by Gilbo). This charge I regard as excessive. He also adds an item of $7.50 for alterations on captions of 12 plates. Unless I am greatly mistaken the majority of these were simple corrections of lettering which ought to have been right on the original.

In one of the photogravures made during my absence some of the spruce trees at Unalaska are shown. It is stated in the legend that these were "planted early in the century." Can you give me any early reference to these trees? The matter comes up in connection with Fernow's forestry article, and it seems desirable to fix the date as nearly as may be.

I did not have a chance to send your negatives to your house today, but expect to deliver them there tomorrow.

Very truly yours,
C. Hart Merriam.

Washington, D. C., November 19, 1900.

My dear Trelease:

Why this protracted silence? What has become of your report on Cryptogamic botany and what has become of the Saunder's report on the sea weeds?

With best wishes,

Yours very truly,

C. Hart Merriam

Prof. William Trelease,
Director Missouri Botanical Gardens,
St. Louis, Missouri.

P. S. I saw Palache a few minutes last week while attending the annual Congress of the American Ornithologists' Union at Cambridge. He was looking well. Married life seems to agree with him.

L-14
A-22

Washington, D. C., November 20, 1900.

Dear Mr. Lanier:

Your letter of the 19th instant came today. I fear it is only too true that we shall not be able to get the Harriman book out by Christmas. I regret this immensely, but there seems to be no help for it at this late date. Probably it will be ready naturally about February.

As to the remaining Dellenbaugh paintings, I should say that the one of an interior fiord selected by Mrs. Harriman remain, and the one ~~of the~~ land-locked harbor, Prince William Sound, should be reproduced in color without any question. The former, it just occurs to me, you have already sent out. As to the remaining two, what is your own view? I do not remember the paintings well enough to want to express an opinion without seeing them again, and am willing to leave the matter to your judgment. Unless they strike you as very good, I would omit them altogether. I doubt very much if photogravures of this class of work would amount to much, but am entirely willing to try one or two if you think best.

Respecting the 4 colored photographs intended to be reproduced by colored photogravures, it should be stated that some of the subjects have now been practically covered in black and white, so that it would not be worth while to reproduce all of them as ordinary photogravures. I do not remember the subjects off hand, except in the case of No. 306, which shows a ~~tongue~~ tongue of Columbia Glacier protruding from behind a forest. This picture, as I have written you

H. W. Lanier -- 2.

before, ought to go in anyway, and an ordinary photogravure will do very well. The others I think might be spared, unless they can be reproduced in color.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York City.

F-13
F-M-

Washington, D. C., November 20, 1900.

Mr. A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Herewith I am sending you for paging the remaining galleys of Grinnell's article for the Harriman expedition book, the same comprising galleys 42 to 46 inclusive. I hope your compositor will take pains to get the cuts in the right places, so that they will not have to be changed about after the matter is paged.

Yours very truly,

C. Hart Merriam

X-19
n-25

Washington, D. C., November 21, 1900.

Dear Mr. Lanier:

Yours of yesterday is at hand, along with proof of lettering from Hoen(which is herewith returned)and one single proof of Dellenbaugh's fiord picture. I will abstain from further remarks on the subject of these single proofs. It would be a good idea to get Dellenbaugh's caption for this picture, as I have forgotten the exact spot. The picture as a whole is most satisfactory, although I do not like the strong browns of the hills in the immediate foreground. Dellenbaugh will doubtless make the necessary corrections here when he compares the proof with the original.

As to Hoen's lithographs, I know no reason why the printing should not be proceeded with at once, but I think it would be a good idea for us to see the captions under the pictures before they are printed, in order to avoid the possibility of receiving the edition with the right caption under the wrong picture.

I wish you would look at Dellenbaugh's picture entitled 'Sunset, Gulf of Georgia.' Please lay a piece of paper over the bottom and see if you do not think the thing would be enormously improved by omiting at least an inch of the water. If you agree with me on this, Hoen can wipe out the superfluous sea and go ahead with the printing.

As to sending back the last lot of blocks, which were not satisfactory: The blocks were sent direct to the New Era Co. and consequently are not in my possession. I am calling the attention

H. W. Lanier -- 2.

of the New Era people to a few points which need cleaning out with the graver. If they can do this, well and good. If not, they will have to send them to you to be fixed up by Wright.

Coville has just returned to me the proof of the Polemonium picture. There are several difficulties with this picture. In the first place, the lithographer has made it too big. Instead of reducing it to fit our page, he has reproduced it exactly natural size. Before he got through with the job he evidently noticed that the thing was too big for the page. In this dilemma, to save making a new plate, he left off the bottom leaf on the left hand side and cut off from the bottom part of the picture a full inch, thus leaving at the bottom the loose stems of a lot of leaves which do not belong anywhere in particular and might be considered as belonging to either of the 3 specimens figured. The flowers of the Polemoniums are among the most delicate of all our flowers, and the petals are exceedingly thin and perishable. The original drawing shows this fairly well. The reproduction represents the leaves as heavy and thick, as if cut out of leather. The color also lacks the delicacy of the original and is not right in tints. The foliage also is poorly reproduced. In short, the plate in its present form is wholly unsatisfactory and cannot be accepted. I am returning the original to you herewith. If you will compare it with the reproduction, you will, I am sure, be impressed with its shortcomings. Please notice particularly the scattered stems of the leaves at the bottom in the reproduction compared with the solid single stem of the central plant in the original.

Yours very truly,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

L-
R-

Washington, D. C., November 22, 1900.

My dear Mrs. Harriman:

Many thanks for your promptness in returning the cuts. I am very glad that you are willing to let these go in in this way, as we can now complete the substitution of text figures in the matter already in type and pressed without delay with the remaining articles.

Very truly yours,

E. H. Harriman

Mrs. E. H. Harriman,
1 East 66th Street,
New York.

L-22
R-28

Washington, D. C., November 22, 1900.

Dear Mr. Lanier:

Yours of the 21st instant is at hand. In compliance with your request I am sending you herewith by express for Andrew the Curtis positive of No. 306, and also a print. I am not sure that he cannot make a better picture from the print than from the positives. However, he will of course use his own judgment as to this.

As to the Harriman Glacier double plate: you will remember, I think, that this was made and approved while I was in California, and that it was sent to me only with respect to the lettering. Under the circumstances I suppose it had better go in as it is, although the sloping water line is unfortunate. Cannot Andrew obliterate the lower corner marks, which so markedly deface the picture? You will notice them in the accompanying inclosure.

Andrew in the letter you inclosed (dated Nov. 20, and which I now return to you) states that the 3 plates sent to me for approval had not been returned. They were returned through you a day or two ago, and I assume you have forwarded them to him before this. I wrote the captions on them. He speaks also of the 2 'Seal' pictures, by which he means 'Sea Lions', which were approved a few days ago.

Yours very truly,

E. H. Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

L-17
M-

Washington, D. C., November 22, 1900.

Dear Stanley-Brown:

Pressure of various matters since you were here has delayed me in returning your negatives and drawings. I left them with your servant at your house this morning, requesting her to place them on your writing desk, as directed. I shall be glad to see you when you are next in the city.

Very truly yours,

C. Hart Merriam.

Mr. J. Stanley-Brown,
120 Broadway,
New York.

L-16
M-

Washington, D. C., November 22, 1900.

Dear Spader:

Yours of the 21st instant is at hand, together with the corrected Bogoslof drawing and 2 additional drawings for Dr. Gilbert, to whom I have delivered them. They are entirely satisfactory, as I believe he has written you.

I have today obtained a few sketches and one or two poor photographs of Bogoslof from the Revenue Marine Service. I am sending you three of these herewith, and I shall be obliged for such drawings as you are able to make from them.

Yours very truly,

C. Hart Merriam.

Mr. W. H. Spader,
190 12th Street,
Brooklyn, N. Y.

L-25
N-

Washington, D. C., November 23, 1900.

Dear Mr. Lanier:

Thanks for your letter of the 22d just received. As to the 'Sea-Lions' you will remember that the plate with the fence removed miscarried and that no subsequent proof was sent me. The plate was all right excepting the fence, and if its removal was reasonably successful the plate may be O. K.'d. The legend for it should be as follows:

Drive of Sea Lions, Pribilof Islands. Photographed by Chichester.

In regard to the Polemonium picture, I am amazed at what you say about Coville's instructions to the lithographer. In this case the fault of course is his. The mistake ruins the plate. The only way out of it I can think of is to connect the scattered stems of the middle plant by a bracket and a distinctive number, in order to show that they are not the same species as those on either side. ¶ The black print which you mention as sending to me, of one of the pictures of which Andrew has the colored proof, has not arrived, but doubtless will appear shortly. Is it not about time for us to receive final lettered proofs of all the photogravures just as they are to appear? I think you mentioned a few weeks ago that such proofs would be at hand shortly. I should like 4 complete sets of everything. In the case of many of the special reports prepared by various members of the expedition, I am called upon to supply photographs and such other illustrations as we may have. Thus far I have not been able to do this in a single case,

H. W. Lanier -- 2.

except in part, as I have not had complete sets of either the photographs or proofs of reproductions.

Your remarks about the Bollenhagh 'Sunset in the Gulf of Georgia' almost make me think that you have not looked up the picture. So I am sending you my copy of the proof herewith, and shall be obliged if you will return it after masking out part of the water in the foreground, as requested in my former letter. The point I tried to make was that the picture was top-heavy at the bottom, by reason of being two-thirds water. By placing a strip of white paper over the bottom of the water and thus covering up an inch or more of the foreground, the picture as a whole looks vastly better to my eye. If you like it best as it is, we will let it go that way.

You state that you are still waiting to send out for photogravure 423 and 424. On November 2 I wrote you with respect to this and left it to you as to whether it was desirable to include them or not, suggesting that they might both be combined on a single plate. As you did not reply, I supposed you had given them up. With respect to 315C, I gave this up for the popular volume, as it will be used by Gilbert in his chapter on glaciers.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York City.

Washington, D. C., November 24, 1900.

Mr. A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

I have today received from you your two letters of the 23d, and two batches of proof, comprising part of Grinnell and the remainder of Coquillett's page proof. I am glad you will draw in the matter on page 465 of this article.

Kincaid's address is Prof. Trevor Kincaid, University of Washington, Seattle, Washington. Please send 100 separates of each of his two papers to him at this address. Please send 100 separates of Coquillett's article to Coquillett at the U. S. National Museum.

The Kincaid brochures arrived today and appear to be O. K.

I note what you say with respect to casting part of Grinnell's page. I hope this will come out all right, but feel a little shaky as to the pagination, since quite material changes will have to be made in the Burroughs and Muir articles before they can be finally printed. Ever since my return from California, I have been struggling with the cuts to replace those wrongly used or transposed in these articles, and hope to send you early next week the necessary material for completing the revision of those articles. It is very unfortunate that any of the matter was cast.

Very truly yours,

C. Hart Merriam

Washington, D. C., November 26, 1900.

George Bird Grinnell,

Forest and Stream Office,

New York City.

Dear Grinnell:

Here is another ~~page~~ batch of your proof, carrying the paged matter to page 166. Please let me have it back with your corrections as early as may be.

Hastily yours,

C. Hart Merriam

Washington, D. C., November 27, 1900.

Mr. Will G. Steel,

Portland, Oregon.

My dear Mr. Steel:

Thanks for your letter of the 21st instant, which arrived to-day. Unfortunately I am unable to comply with your request for a photograph, as I have not had one taken in many years.

With respect to the article you want for 'The Masama' from the Harriman Alaska expedition, I cannot give you much encouragement from this end of the line. It is out of the question for me to attempt to write anything, as I am now working 12 to 15 hours every day, with no let up ahead so far as the immediate future is concerned. I have talked the matter over with several members, who agree that the only practicable way to accomplish what you want is to secure either a review, or a statement similar to that which has just appeared in the magazine known as 'The World's Work', published by Doubleday, Page & Co., New York City. The December number of 'The World's Work' contains an illustrated article on the expedition and may furnish the facts you need. The other course suggested is to wait until the publication of the narrative volume of the book early in the year, and let your article take the form of an extended review of this book. I could probably furnish you an advance copy in January or February, if you care to do this.

Regretting my inability to serve you more to the point in this matter, and with kindest regards to Mrs. Steel, I remain,

Yours very truly,

E. H. Harriman

Washington, D. C., November 27, 1900.

E. H. Merry, jr.,

Care Leo Simmons,

1416 F Street, N. W.,

Washington, D. C.

Dear Sir:

Replying to your letter of the 24th instant, calling my attention to the delay in receipt of your check for work done last month, I would state that none of the October bills have been paid. Mr. Harriman has been absent on a protracted trip in the West. I believe he has now returned to New York, and have no doubt that the checks will go out in a few days.

Regretting the delay, I remain,

Yours very truly,

E. H. Harriman

Washington, D. C., November 2?, 1900.

F. H. Frapric,
The Photo Era,
170 Summer Street,
Boston, Mass.

Dear Sir:

Replying to your polite letter of the 20th instant, I regret to say that it will not be possible for me to prepare an illustrated article on Rleeker such as you wish for 'The Photo Era.' Thanking you for your courtesy in the matter, I remain,

Respectfully,

C. Hart Merriam -

Washington, D. C., November 28, 1900.

Dear Mr. Lanier:

Your letter of the 27th came this morning, and the express package to which you refer was delivered at my office (where it was addressed by mistake) about noon.

I am not surprised that Dellenbaugh was delighted with the reproduction of his fiord painting. It struck me as one of the best in the whole series. The only criticism I made of it, was that it was very brown in the foreground on the two sides, which color is not true to nature, and it seems to me is much overdone from an artistic standpoint.

Respecting the 'Gulf of Georgia Sunset,' I am willing to let it go as it is. The vast extent of water in the foreground, while detracting from the artistic merit of the picture, gives it an element of distance, which is [illegible] something.

The new photogravure of the 'Chief's House, Deserted Village' is excellent. I am returning a proof herewith, lettered for caption. The 'Hubbard Glacier' also is very much improved, and will now do very well. The only objectionable feature is that the copy just sent me shows very plainly the dividing line between the two negatives. In previous prints this line was so nearly concealed that it would not be easily noticed. Doubtless Andrew will fix up his plates so that it will not show in the final prints.

The seven proofs for lettering arrived today, and are returned herewith as follows:

Sea-Lion Drive; Stampede of Sea-Lions, Bogoslof; Sea-Lions, Pribilof Islands; Members of Expedition on St. Matthow Island;

H. W. Lanier --- 2.

Eskimo and Aleutian Baske[illegible]; Harriman Glacier, and the Eskimo Winter Hut at Plover Bay. The latter picture is a great success, and I am very glad to see that the blemishes mentioned in the original photograph have been removed.

Yes, I think we have now closed the photogravures, and I am glad to know that Andrew has begun printing. Please don't forget to send me four or five copies each of the various photogravures, as soon as they are printed. Please also have enough over-prints made to replace those that are not up to the standard, as it is usual in this kind of work to turn out a lot of inferior prints.

I will be obliged if you will kindly send me the blocks from which three of my photographs were printed (without my permission) in the December number of 'The World's Work.' I refer to the 'Harem of Fur Seals', on page 152; 'Bogoslof Volcano', on page 155; and 'Barry Glacier', on page 156.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York City.

November 30, 1900.

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Dear Spader:

Thanks for your letter of the 29th instant, transmitting two additional drawings of Bogoslof for me, and a small package for Gilbert, which I delivered as requested. Mr. Gilbert is returning one of these drawings for corrections, and is sending you an additional photograph for drawing. Besides these I am returning one of the drawings you made for me --- the one from the pencil sketch --- with the request that you follow as closely as possible the detail of the steam jets on the left hand mountain. Captain Cantwell, who made the sketch, speaks particularly of the circumstance that the steam jets came out along a horizontal line, which is indicated in his rough sketch, but does not appear from your drawing. It was my neglect in not speaking of the matter in my letter transmitting the sketch. I think also that the two mountains in the foreground are made a little too distinct. They really are one mass, partly divided by a deep gulch. The other material I have not been able to get ready, but hope to send you shortly.

W. E. Spader --- 2.

When you get time, I wish you would make me an initial letter 'A' to use in the word 'Alaska'; also another 'A' to use in connection with Bogoslof Volcano. These will give your imagination a splendid chance. After you have done these, an 'I' will be useful, and probably one or two others will be needed a little later.

Yours very truly,

C. Hart Merriam

November 30, 1900.

Dear Stanley-Brown:

Herewith I transmit such bills as have come to me for work done in November for the Alaska expedition book, as follows:

The Maurice-Joyce Engraving Co., for line engravings	$ 27.25
A. H. Baldwin, for portrait of Kennicott	6.00
Charles B. Hudson, for drawings of fur-seals and murres	80.00
C. Hart Merriam, for expenses of Editor's Office for November	9.77
Harry B. Hanger, for stenographic work and typewriting (Nov.8-30)	22.50
	145.52

Very truly yours,

C. Hart Merriam

J. Stanley-Brown,
120 Broadway,
New York City.

Washington, D. C., November 30, 1900.

E. H. HARRIMAN

to

C. Hart Merriam, Dr.,

For expenses of Editor's Office, month of November:

Postage		$ 4.20
Expressage		
Hoen & Co. (Voucher 1)	$ .26	
Doubleday, Page & Co. (Voucher 2)	.31	
		.57
George W. Lee (For stenography and typewriting Nov.1-8) Voucher 3.		5.00
		$ 9.77

Received payment,

Washington, D. C., November 30, 1900.

Dear Mr. Lanier:

Herewith I am sending you a small batch of drawings for reproduction. These drawings comprise five of Bogoslof, one of fur seals, one of gulls on floating ice, and two initial letters; also a drawing of Lynn Canal, which has been altered in accordance with Mrs. Harriman's wishes. I will be obliged if you will have these reproduced as soon as may be, and send me four proofs of each with the original.

Very truly yours,

E. H. Harriman

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York City.

December 1, 1900.

Dear Professor Verrill:

Your letter of Nov. 26th is at hand, and I am delighted to know that you have made such progress in your report on the Echinoderms of the Harriman Alaska expedition. I note what you say about the illustrations and about their reproduction by halftone process with a 200 mesh screen. My experience with halftones is, that, while a 136 mesh may be printed satisfactorily on a Quaker finish paper which is fairly durable and lacks the disagreeable gloss, a 200 mesh halftone requires a distinctly coated paper, which coating is not only an abomination in itself, but renders the plate perishable. Most of these papers stick together when the surfaces are wet. If you know of any good paper without gloss which will take a 200 mesh halftone, I wish you would put me on the track of it.

During the past year, I have had a good deal of correspondence with The C. L. Wright Engraving Co. of New York on this subject, without leading to any very practicable results. They made some prints for me on what is called a waterproof paper, but it is not really waterproof, and it is finished on one side only. I am at present experimenting with halftone papers made by Dill & Collins of Philadelphia, but am not prepared to say what the result will be. If you have given the matter attention, suggestions will be thankfully received.

A. E. Verrill --- 2.

With respect to the number of illustrations, it is only possible for me to say that I desire to see it very fully illustrated, and hope it will be practicable to figure every species known from Alaska. As soon as we can settle about the paper, so that I can submit two estimates of cost --- one based on heliotyping, the other on halftoning ---I will lay the matter before Mr. Harriman and get a positive answer.

How is Miss Bush getting on with Annelids? About when will her report be ready?

Very truly yours,

C. Hart Merriam

Prof. A. E. Verrill,
New Haven, Conn.

December 1, 1900.

Dear Ritter:

Owing to unavoidable delays, chiefly on the part of the lithographers, the plates for the narrative volume of the Alaska book will not be ready in time for Christmas. Hence the book is not likely to be issued until February. Meanwhile I am getting together as fast as possible the various papers for the technical volumes. In this connection I shall be greatly obliged if you will send me at once a memorandum of the sequence in which these papers should appear.

With kind regards to Mrs. Ritter,

Yours very truly,

C. Hart Merriam

Prof. William E. Ritter,
University of California,
Berkeley, Calif.

December 1, 1900.

Dear Professor Brewer:

For some time past I have been looking anxiously for your manuscript on the atmosphere of Alaska, but as yet it has not arrived. I trust that you have recovered from the cold that had hold of you when you last wrote, and that you will be able to send me your paper shortly.

Owing to cumulative delays of various kinds, it has proved impossible to get the book out in time for Christmas. Hence it is not likely to appear until February, and there will still be time enough to get your paper into the first volume, if the copy reaches me in the near future.

With best wishes,

Very truly yours,

C. Hart Merriam

Prof. William H. Brewer,
New Haven, Conn.

December 1, 1900.

Dear Mr. Lanier:

Your letter of yesterday arrived this morning, and the various proofs Etc. therein mentioned came by express this noon. The flower pictures I will show to Coville this afternoon or evening. His letter, of which you speak, I am returning herewith. I see that he is responsible for the unfortunate manner in which the plate was reproduced. The only way to remedy it at this late date seems to be, as I think I said in my former letter, to bracket the loose stems of the middle plant together over a number, so that the individual species may be distinguished.

The lettering of the Columbia Glacier at contact with island is O. K., and the photogravures of Wrangell and Dutch Harbor may be accepted without further alterations. The lettering for the Dutch Harbor picture should be 'Dutch Harbor, Unalaska'. The lettering for the doubleplate should be 'Fort Wrangell' for the top figure; 'Sitka Harbor' for the lower one.

Yours very truly,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

December 3, 1900.

Dear Mr. Lanier:

I inclose herewith proof of the Pyrola picture. I feel dreadfully about these two plant pictures (the Pyrolas and the Polemoniums), which are too big for the plates. Of course it is no fault of the lithographer, as you have shown me by the letter you inclosed from the Botanist a few days ago. Nevertheless, it is a great misfortune to have plates go in in this way. I have studied the Pyrola picture a long time, and have arrived at the conclusion that the best way to treat it is to cut away the background as indicated on the accompanying proof. It might bear even more trimming. Possibly the lithographer himself may suggest some additional way of cutting it down. If the uniform tint of the background in the upper half of the picture could be altered so as to ~~nearly~~ nearly cover the area occupied by the plants, instead of filling out squarely the whole plate, it would be vastly better, as then the projection of the middle figure would be so small that it would not injure the artistic effect of the plate. I have roughly indicated what I mean by a light pencil line, but I am not at all sure that this can be done.

The Columbine plate is now O. K., and may be lettered. Some time ago I sent you the lettering for this plate and the Salmonberry plate.

H. W. Lanier -- 2.

The Pyrola plate is so large that there is not room for the names of the three species without making it seem even more crowded than at present. It seems to me, therefore, that perhaps the better way will be to print under it simply the single word 'Pyrolas', as I have done on the proof. The full legend could face this plate on a flyleaf. I have talked to Coville about this, and he says if we think favorably of the flyleaf plan, he will prepare more elaborate legends for all of the plant pictures. He thinks this would be a good thing to do, for the reason that the plants are not spoken of particularly in the text of the ~~same~~ Nevius volume where the plates are to appear. He would like to repeat these plates in the botanical volume.

Yours very truly,

C. Scott Lanier

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

December 3, 1900.

Dear [illegible]:

Your letter of the 2d instant has just reached me, and I am very glad to know that Miss Bush has made such excellent progress on her report on the Annelids of Alaska. I am surprised at the large number of species.

You ask a question which is very difficult to answer, particularly since you speak in general terms only. You say a number of plates are needed, but say nothing as to the approximate number or the cost, both of which items I should be provided with before I can lay the matter before Mr. Harriman.

As to your Nemertean article, I would have printed it long ago had the plates been ready, and I have hoped all along that we could publish it in Vol. 2 of the Proceedings of the Washington Academy of Sciences, but Meisel has not yet sent revised proofs, although I wrote him a long time ago that, if we could get the prints by the end of November, we could purchase double the number of copies that we would need in ~~the~~ case they could not be delivered until the end of the year--the point being that if we received them in time to publish in this year's volume of the Proceedings, we would do so, and then use the same plates with altered lettering in the Worm Volume of the expedition reports. As I understand the matter, we now have <u>all</u> the material for this volume, except

Miss Bush's report on Annelids. As soon as her report is finished, we can go to press at once. In this case the volume will come out promptly, and it would hardly pay to publish your paper in the Academy's Proceedings immediately before its appearance in the [illegible] volume. What I wanted to do was to get the date '1900' fixed on your paper, while the volume must take '1901', but owing to Meisel's tardiness this has proved impossible, which I greatly regret.

Very truly yours,

C. Hart Merriam

Prof. Wesley R. Coe,
New Haven, Conn.

December 4, 1900.

Dear Mr. Lanier:

Your letters of the 1st and 3d instant are at hand, and also a set of five proofs from the Taber-Prang people, showing the position of the pictures on the page, and also the lettering. As this lettering is being done over to conform with that on the other plates, it will be necessary to see subsequent proofs. The present lettering appears to be correct, except in size, but I would suggest that the punctuation at the ends of the lines be omitted.

Among these proofs is one which I have never had --- it is the Camp of Indian Seal Hunters at the Head of Yakutat Bay, by Dellenbaugh. I shall be obliged if you will send to me several proofs of this painting. In this connection, what has become of the revise proof of the Jaeger's Head?

The position on the page of the four pictures which are printed lengthwise of the page seems to me to be correct, but that of the Jaeger's Head which runs crosswise of the page seems to be set too far to the left, unless it is intended to trim the page, in which case it is correct.

In compliance with your request, I have checked Andrew's bill of Nov. 26 for photogravures, and find it correct, and the amounts reasonable, except the charge of $15.50 for lettering five plates, which amount I consider excessive. The bill is returned to you herewith.

H. W. Lanier -- 2.

P. S. In your letter of yesterday you say that you will have the drawings reproduced as soon as they arrive. They were sent you by United States Express Nov. 30, and should have reached you not later than Monday the 2d. If they have not yet come to hand, let me know, and I will stir up the Company at this end of the line.

Very truly yours,
C. Hart Merriam.

H. W. Lanier,
Doubleday, Page & Co.,
New York.

December 5, 1900.

Dear Mr. Lanier:

This morning I sent you by express two additional colored paintings of flowers by Walpole, which Coville showed me for the first time this morning. I realize, of course, that we consider the matter of colored plates closed, but these plates are so exceedingly beautiful — so far ahead of anything I ever saw anywhere in the way of plates of flowers—that I could not help bringing them to your attention, thinking that possibly, in view of the fact that the book can not now come out before February, you might think it worth while to put them in. However, I will leave the matter entirely to you. This reminds me that you probably have Coville's plate of Cladothamnus, which you are not going to use. Please return this.

What was the final decision with respect to the Edition de Luxe? Is there to be such an edition, or not?

The three halftone blocks of my photographs from 'The World's Work' came today, for which I am obliged.

Very truly yours,

E. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

December 6, 1900.

Dear Stanley-Brown:

Your letter of yesterday has just arrived. Replying to your inquiry as to the date when the Narrative Volume of the Alaska book is likely to appear, I would say as a guess, sometime in February. A short time ago the lithographers, who in some cases have not yet submitted final proofs with engraved captions as they are to appear in the book, stated that it will be impossible for them to print the colored plates before the end of the year. Many of these plates, as you know, are printed from 12 to 14 stones, and the color put on at each printing has to dry thoroughly before the next color can be printed over it; otherwise the colors will run and spoil the plate. So the publishers have given up all hope of getting the book out this year. Other matters also contributed to the delay, as you are yourself aware. I am immensely disappointed that the volume cannot take date in 1900, but I see no help for it. To have brought it out by Christmas, as intended, would have resulted in numerous defects, which can now be avoided.

I shall be glad to see you when you are in town next Sunday.

Very truly yours,

E. H. Harriman.

J. Stanley-Brown,
120 Broadway,
New York.

December 6, 1900.

Dear Mr. Lanier:

Your letter of the 5th instant is at hand, together with an express package containing proofs and originals of the last batch of drawings sent you for reproduction (10 in number, including the 2 initial letters); proofs of Deilenbaugh's painting of the Sealing Village in Yakutat Bay, and proofs with lettering attached of Iliamna Volcano, and the two Cormorant heads, for all of which I am obliged. The lettering seems to be correct, and I am returning the proofs herewith, as you request.

As to the revised proof of the Jaeger's Head, I am very glad to see that Fuertes has received it, and that it is so satisfactory to him. The only proof I have received which can possibly be the one in question is the copy you sent me a short time ago with the lettering pasted on, and which was said to be a proof for position of lettering only, and did not appear to be good enough for a revised proof of the Head.

Very truly yours,

E. H. Harriman.

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 6, 1900.

Dear Coe:

Your letters of the 4th and 5th instants reached me in rapid succession, and I hasten to reply.

I had no idea that the Annelids would require so much time, and had supposed Miss Bush's report would be ready in a few weeks. Your statement that it will not be ready under six months given me a severe shock. When I recover, I shall probably interview my successor (who, by the way, has not yet been designated) as Editor of the Proceedings of the Washington Academy of Sciences, with a view to the publication of your paper at the beginning of Vol. 3. Vol. 2, in which I had hoped to publish it, is now being brought rapidly to a close, and the index is nearly ready for the printer. If Meisel will have the plates ready, I should think we might bring out your paper in January.

Your assumption that the Publication Committee of the Washington Academy has changed its policy or attitude toward the H. A. S. papers, is purely gratuitous. I explained to you in a recent letter that the only reason your paper had not been published in the current volume is, that we have not been able to get the plates from Meisel. On the other hand, it should be distinctly understood that there has never been any intention, on the part either of the Publication Committee or of the publishers of the Harriman volumes, that all of the material contributed to the Academy volumes should first appear in the Academy's Proceedings. Probably less than one-fourth of the material will so appear.

Wesley R. Coe --- 2.

I never heard before of Ward's paper on the Cephyreans. Who is this particular Ward, and when will his report be done? I do not find a recurrence of this matter in the list furnished me by Ritter sometime ago.

By the way, what has become of the last figures for your Nemertean paper?

Very truly yours,

C. Hart Merriam.

Prof. Wesley R. Coe,
New Haven, Conn.

Original Defective

28

Mss. 7

Washington, D. C., December 7, 1900.

Dear Mr. Lanier:

Your letter of yesterday is at hand, and also an express package containing proofs of lettering for the Columbine and Pyrola lithographs; lettering for the Chief's House, Deserted Village, and first proof of photogravures of Shichaldin, and Eskimo alongside Ship at Plover Bay; also the revised proof of Hubbard Glacier, with the line between the two plates obliterated; and an improved proof of the Boat Party in Lowe Inlet. The Hubbard Glacier, Lowe Inlet, and Eskimo alongside Ship are approved, and may be printed as they now are. The lettering for the Eskimo photogravure I have indicated on the copy I am returning to you herewith. The same is true of the Shichaldin picture. This picture I am disappointed in. The photographs were poor, but I hoped that they would give a better result than this. I think that by strengthening the dark parts of the mountain a little, it will look better. It now looks blurred or rubbed. If the parts not covered by snow are slightly darkened, the picture will be improved. The proofs are returned to you herewith.

I am glad you agree with me as to the unusual beauty of those last flower pictures, and am glad you have sent them to the Heliotype people.

In the case of the Pyrola picture, the trimming which has been done on the background is a great improvement. It could be still further improved, if the lithographer could vignette the background, giving it a clouded effect, as suggested in my former letter. It would then not seem too big for the page.

Very truly yours,

Robert Lanier

Washington, D. C., December 8, 1900.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

Respecting the proofs of fur-seals and of Brynmawr Glacier in College Fiord, this day received, I would state that as a whole both of these pictures are satisfactory. In the fur-seal picture there is a blemish in the water on the left, and the head of the old bull fur-seal appears to have a constriction around it, which you can doubtless easily obliterate. I should like to see this picture in black before deciding on the color for the edition.

In the case of the glacier picture, I find on comparison with my original photograph that an error has been made in the crest of the mountains on the extreme right. This was done by the painter, whom you followed. However, to alter it at this time to agree with the original photograph, would involve so much difficulty that I think it had better remain as it is. The picture is very effective, and I am inclined to accept it as it stands. A little bit more green on the land between the glaciers would do no harm, though it is better as it is than it would be if the green was too deep, for the bank is seen at a considerable distance.

A. Hoen & Co. --- 2.

Please correct a slight blemish in the shape of a vertical scratch or disfigurement of some kind about the middle of the picture. It crosses the snowy parts of the mountain.

I am sending you herewith several maps for reproduction for the Harriman expedition book, as follows:

Map showing the distribution of forests (the base of this can be had from the U. S. Geological Survey).

Port Wells, Prince William Sound.

Map of Hidden Glacier.

Map of Nunatak Glacier.

Map of Columbia Glacier.

Map of Hubbard and Turner Glaciers.

Of these six maps the one showing the distribution of forests is for the first volume only, and consequently will be printed, I suppose, in an edition of 5000 copies. The one of Port Wells, Prince William Sound, is intended for the first volume, and will be reprinted in the second (with volume and plate number at the top). The remaining four are for the second volume only, and I suppose the edition will be 1000 copies. As to the edition, however, you had better get your instructions from Doubleday, Page & Co.

Yours very truly,

C. Hart Merriam

Washington, D. C., December 8, 1900.

Charles B. Hudson,
10 9th Street S. E.,
Washington, D. C.

Dear Mr. Hudson:

If you will kindly call at my office, I will give you a proof this day received of your fur seal picture, and also a seal spear Nelson has secured for your use. I would send you these things, except that Nelson thinks he ought to tell you just how the spear is used; as otherwise you cannot place it properly in connection with the man in the drawing. In case I am not at the office, please ask for Mr. Nelson, who will give you the spear and show you its use.

Yours truly,

Washington, D. C., December 8, 1900.

Dear Mr. Lanier:

Replying to your memorandum of yesterday, inclosing certain bills for lettering with comments thereon by Andrew, I can only say that Andrew's course in this matter is unusual. In the first place, most lithographers and photo-engravers and other establishments furnishing plates include the lettering as a part of the contract price; that is to say, they render no separate item for lettering. I have been having this kind of work done for the past 15 or 18 years, and so far as I remember this is the first instance in which I have seen a separate account rendered for lettering.

In the case of engraved captions put on afterward, or where it does not form a regular part of the plate, the usual cost is two cents per letter. In the case of the photogravures under consideration, the average cost is about double, or a little more than double this amount. I notice, however, in this case another unique feature; namely, that the engraving was done by an outside firm, instead of by the firm making the photogravures. This, of course, explains the charge so far as Andrew is concerned. I can only say, therefore, that he pays an exorbitant price for his lettering. The bills and letters are returned herewith.

H. W. Lanier --- 2.

I would like to say in this connection that this whole matter of the financial side of the Alaska book is very distasteful to me, and is something I had not expected to have put upon me in any way, as I supposed at the start that all matters of this kind would be arranged and closed between you and Stanley-Brown. Inasmuch, however, as various bills have been sent me for approval, I feel bound to call attention to items in which the charge appears to me to be unusual or excessive.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 10, 1900.

Dear Mr. Lanier:

I have just received from you an express package containing Coville's original painting of Cladothamnus; a letter from Stanley-Brown to you, dated Sept. 1. with respect to the plant drawings and text figures; and an envelope containing a lot of plate proofs of text figures evidently sent Mrs. Harriman for criticism. This batch singularly enough contains the lost proofs of which I was never able to secure copies.

Very truly yours,

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 13, 1900.

Dear Spader:

Your letter of the 11th instant arrived today with the drawings, for which I am exceedingly obliged. I have turned over the drawings and letter to Mr. Gilbert, and will write you about the additional initial letters and probably also one or two additional Bogoslof drawings within a few days. Have been tremendously rushed since I wrote you last.

Mr. Gilbert has just come in, and after looking at the three drawings you sent him wishes me to say that they are quite satisfactory.

Very truly yours,

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., December 13, 1900.

Dear Mr. Lanier:

The inclosed proofs of lettering reached me this morning, and are O. K. Of course it will be necessary, as you state, to transpose the name of the Heliotype Co. and the artist, in order to make the plate symmetrical and have it agree with the others of the series.

Very truly yours,

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 15, 1900.

Dear Stanley-Brown:

The accompanying bills from Doubleday, Page & Co. received from you this morning have been approved, and are herewith returned. The only item requiring any comment is the charge of $15.50 made by Andrew for lettering the plates. Since calling your attention to a similar item on a previous bill, Lanier has sent me a letter from Andrew on the subject, accompanied by a bill from some engraver in Boston. It seems that Andrew does not do his own engraving, but has it done at a rather expensive establishment outside and has charged the actual cost to him.

I inclose also a receipt from Bown & Co. which they sent to me, as they did not know exactly where else to send it.

I was sorry not to see you last Sunday when I supposed you were here. As you did not call during the day, I set out to call on you in the evening, but was met at the door by visitors who kept me until too late.

Very truly yours,

C. H. Merriam

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., December 15, 1900.

Dear Mr. Lanier:

The proof of captions from the Taber-Prang people came yesterday, and was returned to you immediately.

The revised proofs of Grignard's flower pictures of the Polemoniums and Salmonberry came today, and show a very decided improvement. I will show them to Coville at once, and let you know the result. As usual, only one copy of each of these revised proofs was sent me, so that, if this should be returned, neither Coville, Walpole (the artist who made the painting), or I will have a single copy. This is tedious.

The bill you inclosed from Elson is herewith returned. I note his extraordinary charge for engraving, and also the charge of $22.50 for making over the plate of Dutch Harbor. Was not the plate of Dutch Harbor paid for on a previous bill? He also charges for remaking the plate of Fort Wrangell, which I think has already been paid for. It would be a novel feature to receive payment for a rejected plate and then duplicate the bill for the new plate substituted for the rejected one.

A letter from your Mr. Cosgrave has just reached me, and will be attended to as early as practicable.

Very truly yours,

C. H. Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 15, 1900.

Mr. H. C. C. Stiles,

Maurice Joyce Engraving Co.,

Washington, D. C.

Dear Sir:

In reply to your letter of the 13th instant, would state that your bill for photo-engravings was approved by me, and sent to Stanley-Brown with the other Harriman bills for November. It will doubtless be paid in a few days. None of the checks for this batch of bills have yet been received.

Very truly yours,

E. H. Harriman

Washington, D. C., December 15, 1900.

My dear Kincaid:

Shortly after this reaches you, you will probably receive your paper on the Sphecoidea and Vaspoidea.

In the various entomological reports thus far printed, a number of geographical names occur which are not on the maps, or at least not in the form in which they are used. It would be a good idea, therefore, if you would supply me with a list of localities used by you in labeling specimens. I will combine this list with one from Ritter, by which means I hope to secure a fairly full and correct list of the names recorded as specimen localities.

Very truly yours,

C. Hart Merriam

Prof. Trevor Kincaid,
University of Washington,
Seattle, Wash.

Washington, D. C., December 15, 1900.

Dear Ritter:

So far your reply to my letter of inquiry respecting the localities used by you and other invertebrate geographers on the specimen labels has not yet come to hand. The U. S. Board of Geographic Names has jumped on me in a preliminary way with respect to some of the names printed in the papers thus far published by you and your assistants, and it has become necessary for me to secure as early as possible a full list of all names not on the charts, which are used on the labels of invertebrate specimens collected by the expedition. I have written Kincaid for his list of bug localities and have Coe's localities in his Nemertean paper.

Probably your letter giving me the needed information respecting the persons and titles of papers for the invertebrate material is on the way east, but in case it has not yet been mailed, I hope you will not fail to post it at once, as I find myself greatly embarassed (in a statement I am preparing for Mr. Harriman) by not having in my possession anything like a complete list of authors and titles for the technical volumes. If your good wife will kindly see that you do not receive any lunches until you have replied to these queries, I shall be greatly obliged to her.

With kind regards to you both,

Very truly yours,

C. Hart Merriam

Prof. William E. Ritter,
Berkeley, Calif.

Washington, D. C., December 15, 1900.

Dear Professor Trelease:

Pardon my delay in replying to your letter of Nov. 21 in reply to my inquiries about the botanical papers. It is encouraging to know that the work in your hands and under your direction is coming on so nicely, and that in the near future we will have a fine lot of papers ready for the printer. You say nothing about illustrations, but I assume that all of the papers will be illustrated with either text figures, or plates, or both. I shall be glad if you will kindly send me the papers which are now ready, and I shall be still further obliged if you will send me a list of the remaining papers under your charge, with authors' names; so that I may complete a list of the papers and authors for the series of volumes. Apparently there are at least 50 authors, possibly more, but I have not yet been able to secure all their names or the titles of the papers they are preparing.

With best wishes, I remain,

Very truly yours,

C. R. Barnes

Prof. William Trelease, Director,
Missouri Botanical Garden,
St. Louis, Mo.

Washington, D. C., December 17, 1900.

Dear Mr. Harriman:

In reply to your telegram this moment received, I regret to say that of the four persons you mention, I know the address of only one --- namely, L. J. Cole. Cole's address is Leon J. Cole, University, Ann Arbor, Mich.

Johns I have not seen for nearly a year, and do not think he is in the city. I will endeavor to find out, however, and if I secure his address will let you know. The address of Miss Adams, and of Jordan the pilot, might be got by wiring Mohler at Portland. It seems to me that Jordan is employed as pilot by one of the steamship companies, but which one I cannot say.

Very truly yours,

C. Hart Merriam

Mr. E. H. Harriman,
120 Broadway,
New York.

Washington, D. C., December 17, 1900.

Dear Ritter:

I am overwhelmingly thankful for your letter of the 9th instant, giving me a sequence list of invertebrate papers and their authors. Please say to your wife that she has my permission and approval in giving you the best lunch she can possibly get together in Berkeley.

This list of yours suggests one or two additional questions. For instance, who is Torrey who has the Actinians, and where does he live? If I read your list correctly, you wish to put the Hydroids, Actinians and Nemerteans, and possibly the Bryozoa also in one volume, thus separating widely the Nemerteans from the rest of the 'worms.' Previous to the receipt of your letter today, I had supposed that Coe, Elsen, and Bush would combine for a volume. Under the new deal, if Torrey is about ready with his Actinians, we should be able to print very soon, as Nutting seems to have his Hydroids very well along.

I know all about the entomological papers and the papers in course of preparation by Nutting, Bush, Rathban, Dall, and Verrill, and have papers in hand by Coe, Robertson, Elsen, Ritter and Crocker. Can you tell me about when the others will be likely to have their parts ready to turn in, these others being Torrey, Ward, and Ritter? It would also be in order for you to give me your ideas about the segregation of these papers into volumes, as that will be the next question by which I am likely to be confronted.

Wm. E. Ritter --- 2.

Shall be glad to see your paper on Tunicata. By all odds write a general preliminary chapter on the invertebrates as a whole. I shall be only too glad to send you advance proof of everything that comes in as early as practicable.

Very truly yours,

C. Hart Merriam

Prof. Wm. E. Ritter,
Berkeley, Calif.

Washington, D. C., December 18, 1900.

Alaska Commercial Company,

San Francisco, Calif.

Dear Sirs:

A short time ago I heard a rumor to the effect that some vessel had reported Bogoslof to be again in action. I have not been able to locate the origin of the rumor, and write to ask if you have heard anything about it. In this connection, I am led to ask if you chance to have any record of the disturbances accompanying the original upheaval of the new volcano in the summer of 1883. I believe two of your Captains, Anderson and Hague, were the first to see the new volcano. Was the 'Dora', then in command of Captain Hague, the same as the 'Dora' which now carries the mails to Kadiak?

Very truly yours,

C. Hart Merriam.

December 18, 1900.

Lieut. G. H. Doty

S.S. Dexter

New Bedford, Mass.

My dear Sir:

Pardon my liberty in writing you with respect to your photographs of Bogoslof. I took a number of photographs of Bogoslof in 1891 when Professor Mendenhall and I were sent to the Pribilof Islands as fur seal commissioners. Last year while on the Harriman Expedition, I secured a few more which, however, owing to fog and rain, were exceedingly poor. In connection with the report of the Harriman Expedition, I am writing an article on Bogoslof and am attempting to bring together all existing information respecting the new volcano. Captain Shoemaker of the Revenue-Marine has kindly allowed me to reproduce Cantwell's unpublished chart made in May, 1884 when you were with him, and the Fish Commission has given me a set of their photographs.

Your photographs are not only the first ever taken of the volcano, but they are the only ones which show conditions now entirely changed. I am exceedingly anxious therefore to obtain a set, and this is my object in writing you. If you still have the negatives and could arrange to let me have a set of prints in the near future, I should be under great obligations and would of course give full credit for all illustrations used.

Very truly yours,

C. Hart Merriam.

Washington, D. C., December 18. 1900.

Dear Mr. Lanier:

Coville says that he is willing to accept Grignard's lithographs of the Salmonberry and Polemoniums as they now stand, although the reproduction of the Polemonium flowers is not true to nature, and makes them look course and thick compared with the copy. I am very glad to see that Grignard has been able to shorten up the stems, so as to bring in the bottom of the middle plant.

Your letter of yesterday has just arrived, with its inclosure from Will G. Steel, Editor of the 'Mazama', which I herewith return. Steel has been pestering me for an article on the Harriman expedition for the Alaska number of 'Mazama' for a long time past. I declined to write the article, for the reason that I have not time, and suggested to him that something in the nature of a review of the book might serve his purpose as well as an article on the trip, particularly since several articles on the expedition have already appeared; and I suggested further that we might be able to send him advance sheets of the book long enough ahead to enable him to review it to his heart's content. The trouble is, he wants the material, but wants somebody else to write it up. Hence this new proposition.

The Mazamas are all right, and a good article in their magazine of the same name would doubtless help the sale of the book on the Pacific coast.

H. W. Lanier --- 2.

With respect to the text of the book: I regret to say these first chapters are not yet finally cleaned up, although I think we now have about all of the necessary new cuts. The printers have one article, which they have not yet set up --- namely, Farnow's 'Alaska Forests', which follows Keeler's 'Birds'. I suspect the truth is, that we have tied them up for type, as there is a fearful lot of stuff in type which I have not yet liberated. However, now that the rush of other matters is nearly over, it will be easy to have the text ready by the time the plates are printed.

Very truly yours,

C. Hart Merriam.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

Dec. 19, 1884

Dear Stanley-Brown:

We have been using the album daily since its receipt & have found it of great service. I shall be very glad to keep it as my copy.

Very truly yours,

C. Hart Merriam

J. Stanley-Brown, Esq.
1 = 0 Kinney, N.Y.

December 19, 1900.

Commander C. C. Todd

Hydrographer, Navy Department.

Sir:

I am exceedingly obliged for your courtesy in complying with my request of a few days ago for a copy of Chart No. 1290 of the West Indies.

For some time past I have been engaged in compiling data respecting the changes which have taken place in Bogoslof volcano since its upheaval in 1883. I have secured series of photographs from the Fish Commission and Revenue Service, supplementing photographs taken by me in 1891 and in 1899. I have also received from the Revenue-Marine Service a very important unpublished chart made by Lieut. J. C. Cantwell in 1884. It occurs to me that possibly the Hydrographic Office may contain photographs, charts, or unpublished data of some kind relating to this interesting volcano. If so and I could be permitted to examine the same, I should be under very great obligations.

Respectfully,

C. Hart Merriam

Chief, Biological Survey.

Washington, D. C., December 20, 19[illegible].

Dear Stanley-Brown:

Yesterday afternoon I sent Mr. Harriman by express, addressed to 120 Broadway, the two oil paintings of sea-lions made by Hudson sometime ago. These paintings were somewhat injured by the reproducer, and Mr. Hudson has since gone over them again. I think they are very fine. One is from one of your photographs; the other from my photograph of the stampede at Bogoslof. I hope Mr. Harriman will like them.

Very truly yours,

Theodore Roosevelt

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., December 22, 1900.

Chas. C. Tegethoff, Esq.,
120 Broadway,
New York.

Dear Sir:

Your letter of the 20th instant, inclosing check to my order for $145.52 in payment of the various November bills in connection with the Alaska book, reached me last evening. In accordance therewith, I have made out my personal checks, and sent to the various persons concerned, although it is not exactly clear to me why I should be asked to act as disbursing officer in this matter. I will return the receipted bills to you as soon as they all come in to me.

Respectfully,

E. Hart Merriam

Washington, D. C., December 22, 1900.

A. H. Baldwin,
1826 G Street N. W.,
Washington, D. C.

Dear Mr. Baldwin

Inclosed I hand you my personal check for $6 in payment of your bill of Nov. 13th for pen portrait of Kennicott, as I have just received from Mr. Harriman's Secretary a single check to cover all the November bills.

Very truly yours,

C. Hart Merriam

Washington, D. C., December 22, 1900.

Chas. P. Hudson,
10 9th Street S. E.,
Washington, D. C.

My dear Mr. Hudson:

Mr. Harriman's Secretary has just sent me a check for the various November bills. I send you herewith my personal check for $80 in payment of your November bill for pen drawings of fur-seals and muirs.

Very truly yours,

E. Hart Harriman

Washington, D. C., December 22, 1900.

Maurice-Joyce Engraving Co.,
Star Building,
Washington, D. C.

Dear Sirs:

Mr. Harriman's Secretary has sent me a single check in payment of the various November bills. Accordingly, I send you herewith my personal check in payment of your bill of Nov. 10th for $27.25 for engravings.

Respectfully,

E. Hart Harriman

Washington, D. C., December 24, 1900.

Dear Stanley-Brown:

A copy of the expedition album has arrived at my office, addressed to E. C. Starks. Starks is an Assistant Professor in Stanford University. He has never been east since we landed at Seattle. Shall I return the album to you, so that it may be franked through?

Very truly yours,

A. Hunt Wilson.

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., December 24, 1900.

Dear Stanley-Brown:

A copy of the expedition album has arrived at my office, addressed to E. C. Starks. Starks is an Assistant Professor in Stanford University. He has never been east since we landed at Seattle. Shall I return the album to you, so that it may be franked through?

Very truly yours,

C. Hart Merriam.

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., December 24, 1901.

Dear Professor Verrill:

Your letter of the 22d has this moment reached me, and I hasten to assure you that there is not the slightest possible doubt about wanting your report on Alaska Echinoderms for the Harriman expedition books. The difficulty is with respect to the method of reproduction of the plates. Since the receipt of your previous letter and sample photographs, I have been endeavoring to obtain, from the various authors engaged in preparing special reports for the Alaska book, estimates of the number and character of plates desired by each, in order that I might lay the matter intelligently before Mr. Harriman. Mr. Harriman is a business man, and does things in a business way. It is useless for me to approach him without giving him definite figures. I have been trying, therefore, to secure enough information from the various collaborators to enable me to give Mr. Harriman an approximately correct statement as to the total number of plates required for each of the various volumes, of which there will be at least four. I expect to accompany this statement by an estimate of the cost of reproducing the various plates by different processes, and will ask Mr. Harriman to decide. Judging from my previous experience with him in similar cases, I should expect it to take him about ten minutes to make up his mind and wire me the result, but I have had too much experience with him to go off half-cocked by making a partial or incomplete

statement. I regret exceedingly that I was not, and still am not, in a position to reply more fully to your inquiries, but you must rest assured that there has never been the slightest question as to the intention of illustrating your report as fully as necessary. If you will send me a bill of expenses incurred by you for drawings and photographs to the end of December, and mail it so that I may receive it as nearly as possible to the end of the month, I will turn it in with a batch of bills that go in at that time, and it will doubtless be paid sometime during January.

As to the drawings, I am willing to take the personal responsibility of authorizing you to expend $200 for them, and should advise you by all means to have drawings made in all cases where they will show what you wish to show better than photographs.

With kindest regards and the compliments of the season, I remain,

Very truly yours,

E. H. Harriman

Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., December 28, 1900.

C. H. Townsend,

U. S. Fish Commission,

Washington, D. C.

Dear Townsend:

In Cantwell's report of his visit to Bogoslof Island in 1884, he mentions as companions two other officers of the 'Corwin' --- Lieutenant D. W. Hall and Lieutenant J. W. Howison. Do you happen to know where either of these men now are?

In a report by Becker and Dall, mentioning their visit to Bogoslof in 1895, a sketch by William C. Greenfield is published. Do you know who this William C. Greenfield is, and how he happened to be in Bering Sea in 1887?

Very truly yours,

C. Hart Merriam

Washington, D. C., December 26, 1900.

Dear Mr. Lanier:

Your letter of the 24th instant has just reached me, along with the three proofs of photogravures. The new one, showing a tongue of Columbia Glacier, is returned herewith, to see if it cannot be made a little stronger and clearer. The foreground is admirable, but the branches of the tree on the right are very foggy, particularly in one place, where in the original one sees the distant forest between two branches of the tree; in the photogravure this part of the print is blurred and foggy. The distant mountain is too pale, and the ice has lost all detail.

The photogravure of Shishaldin (two views on one plate) is very slightly improved over the first proof, the dark part of the mountain being far too white. The lettering on this proof is correct, as it is also in the remaining proof, entitled 'Eskimo Alongside Ship, Plover Bay, Siberia' (two on one plate).

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 27, 1900.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

Your letter of the 26th instant reached me today, together with the revised proofs of the fur-seals, for which I am obliged. This picture is now most satisfactory, and if you can print the edition so as to equal these proofs, the plate will, in my judgment, be one of the most striking in the book. The legend to be printed at the bottom should be 'Harem of Fur-Seals, Pribilof Islands,' and the lettering should agree as closely as possible with that you have used for the other Harriman plates. There is no headline at the top.

I find I have neglected to send you copy for Fernow's map of Alaska forest areas. Will send it in a day or two. I forgot also to arrange with you about printing the general route map of the expedition, which, however, I think you understand. The stones are the property of the U. S. Geological Survey.

When are we to see proofs of the Kadiak fox?

I have not seen proof of caption of the lithograph you made from one of my photographs. Perhaps I omitted to give you the caption. It should be 'Bryn Mawr and Wellesley Glaciers, College Fiord.'

Respectfully,

C. Hart Merriam

Washington, D. C., December 27, 1900.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

Your letter of the 26th instant reached me today, together with the revised proofs of the fur-seals, for which I am obliged. This picture is now most satisfactory, and if you can print the edition so as to equal these proofs, the plate will, in my judgment, be one of the most striking in the book. The legend to be printed at the bottom should be 'Harem of Fur-Seals, Pribilof Islands,' and the lettering should agree as closely as possible with that you have used for the other Harriman plates. There is no headline at the top.

I find I have neglected to send you copy for Fernow's map of Alaska forest areas. Will send it in a day or two. I forgot also to arrange with you about printing the general route map of the expedition, which, however, I think you understand. The stones are the property of the U. S. Geological Survey.

When are we to see proofs of the Kadiak fox?

I have not seen proof of caption of the lithograph you made from one of my photographs. Perhaps I omitted to give you the caption. It should be 'Bryn Mawr and Wellesley Glaciers, College Fiord.'

Respectfully,

C. Hart Merriam

Washington, D. C., December 29, 1900.

Dear Mr. Lanier:

Your letter of the 27th instant is at hand, along with the express package containing Knight's original painting of the Kadiak fox, with proofs thereof; proofs of my photograph of Bryn Mawr and Wellesley glaciers; revised proof of Gifford's Barry glacier; and 18 black and white proofs of captions from Hoen.

The original painting of the fox I have just returned to you by express, and I am sending you by mail herewith the 18 proofs for lettering. In the case of the latter, the name of the artist has been uniformly omitted. It should be added, of course, so that these may conform with the rest of the series. The only exceptions I have made are a few in which the name of the painter appears in distinct letters on the picture itself, immediately above where it would come if printed below.

The new proof of Barry glacier is a vast improvement over the first one. In fact, it is a magnificent picture. The only criticism I would make is, that the cave on the left is shown in a uniform tint of blue. It should darken in the distance, just as in the case of the cave on the right, only perhaps not quite so much. The one on the right is as near perfect as it can be, in my judgment, but the one on the left fails to show the deepening of the indigo to almost black in the distance. The reproduction of my photograph of Bryn Mawr and Wellesley glaciers strikes me as most beautiful, and I have no suggestions to offer as to its improvement.

H. W. Lanier -- 2.

The Kadiak fox also, taken as a whole, is very fine. The color of the grass is a little too brilliant, particularly in the distance and a little darkening of the ground around the fox's head and neck would bring out the head a little more sharply, as you will see on comparing the print with the original. The darkening on the shoulder, by which the artist intended to indicate the fluffiness of the fur on this part, is exaggerated in the reproduction, and should be softened down considerably. The picture as a whole, however, is certainly great. I like it better than the bear. I believe it is the best reproduction of a mammal in colors I have yet seen.

As to the text, I think most of it may be finally cast by the end of January, but some of it may drag a little beyond this date. I am having great difficulty in getting at some of the material wanted for my Bogoslof article. The volcano was visited in May, 1894, by two ships, and photographs, sketches, and notes were made. Some of these have been published by the Revenue Marine Service; the others remain unpublished. The most important of these I have just secured in manuscript, and have obtained permission to use; the others I hope to get in a few days. The difficulty is, that the officers who did the work are away on duty in various parts of the world, and inaccessible. One in China, another in the Yukon. Still, I have had great good luck during the past two weeks in unearthing material which had been filed away a long time ago and forgotten about, and I have struck several fresh

H. W. Lanier -- 2.

trails which promise to bear fruit during the coming week. I shall want one or two photogravures from these Bogoslof pictures, besides a number of drawings, most of which have been already made by Spader.

In arranging a set of photogravures with reference to their sequence in the book, I find about 15, of which I have no proofs with captions. I shall be obliged if you will have each of the photogravure men send me at least four prints each of the lettered photogravures as soon as they are printed and dry enough to send with safety. As I understand it, they are being printed at present.

Very truly yours,
C. Hart Merriam.

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 29, 1900.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

Herewith I inclose a proof of the Kadiak fox picture just received from Doubleday, Page & Co. I have compared this proof carefully with the original and also with the actual specimen from which the painting was made, and have marked on the proof a few corrections which I should be glad to have made so far as this is practicable. The picture, as a whole, I like immensely, and believe it is one of the best things of its kind ever done.

Your letter of the 28th instant has just arrived. I will attend to the forest map shortly. By the way, I suppose you received a batch of manuscript maps sent you by express sometime ago, although I received no acknowledgement of their receipt.

Very truly yours,
C. Hart Merriam.

Original Defective

ee

Washington, D. C., December 29, 1900.

Dear Professor Verrill:

Thanks for your letter of the 26th instant. I am glad to know that the matter of illustrations is satisfactory to you. I shall try to make it more so as we go on. Please do not take the trouble to have halftones made from any of these photographs at present. I realize perfectly that most excellent pictures can be obtained in this way, but the question is one of paper, and will have to be decided for the entire lot of wash and photographic plates at one time. Until I obtain Mr. Harriman's decision on this matter, it is not worth while to do anything further along this line.

The photographs of Annelids you sent me are certainly of unusual excellence, and I hope we shall be able to reproduce them direct from the negatives by heliotype process.

Coe unexpectedly dropped into my office this morning. I expect to see him this evening, and have a chance to talk over matters.

With kindest regards to you all,

Very truly yours,

E. Hart Harriman

Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., December 31, 1900.

Dear Mr. Lanier:

In writing you Saturday about the fox proofs, I forgot to ask whether or not you were in communication with Knight. I presume you have sent him proofs, but am not quite sure. He is probably at the American Museum of Natural History in New York, although he was in Ithica a few days ago. I am not sure of his present address.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., December 31, 1900.

Prof. C. C. Nutting,
Iowa City, Iowa.

Dear Professor Nutting:

How are you progressing with your work on the Hydroids of the Harriman Alaska expedition? I am anxious to get one or two volumes under way as soon as possible, in order to get them out before I go away in the spring. We have enough papers in hand now to make at least two volumes, but the difficulty is, they cannot be arranged in any natural or proper sequence, so that we are delayed, waiting for several papers which belong in the same volumes. I should be very glad, therefore, to know when your material will be ready, and how many plates you will have; also how many of your plates are in line, and how many in wash.

Very truly yours,

C. Hart Merriam

Washington, D. C., December 31, 1900.

Chas. B. Hudson,
10 9th Street S. E.,
Washington, D. C.

Dear Mr. Hudson:

Nelson wishes me to call your attention to the fact that he is to leave the city for the winter the last of this week, and that before going he is obliged to return the seal spear to the National Museum. Hence, if you wish to use it, you had better call at once.

Some days ago I sent you check in payment of your last bill for drawings for the Harriman Alaska book, but have not received your receipt. If you will kindly send this at once, I shall be obliged, as I wish to send it with others to Mr. Harriman.

Very truly yours,

C. Hart Merriam

Washington, D. C., December 31, 1900.

Dear Coe:

In accordance with our conversation, I send you herewith Ritter's scheme for grouping the Harriman invertebrate papers into volumes. It is as follows:

Hydroids
Actinians
Nemerteans
Bryozoa

Chaetopoda
Annelida
Gephyrea
Crustacea

He suggests that the Mollusca could go into whichever of these volumes was least full. The insects will probably make a volume by themselves. Curiously enough, he neglects to mention the Echinodermata. Perhaps he thought this would make a full volume by itself, but probably he omitted to think anything about it.

In glancing over this arrangement, you will see, of course, obvious difficulties, which I trust we shall be able to overcome. I hope, therefore, you will talk the matter over with Prof. Verrill and make such suggestions as you have to offer.

I regret that I was not able to see more of you during your recent visit, but appreciate your giving us the main part of an evening. Please remember me kindly to Mr. Evans.

With best wishes,

Yours very truly,

C. Hart Merriam

Prof. Wesley R. Coe,
New Haven, Conn.

Washington, D. C., December 31, 1900.

Dear Ritter:

Many thanks for your letter of the 23d instant, giving me the list of localities as recorded in your notebooks. This, so far as it goes, is just what I want, but it does not give all the small localities I have seen mentioned. I am glad to know that Burma Cove is on Vancouver Island, and I would like to know where Berg Bay is --- no, I have just found it on Reid's map of Glacier Bay.

Your suggestions as to grouping the papers into volumes are also most thankfully received, though I am not sure that this arrangement can be carried out.

Now about the outstanding papers: Will Torrey and Ward be ready by the middle of February?

I do not wish to get caught as I did last year with respect to my field work; in other words, I do not want to begin to print a volume this winter that cannot be brought out before I go away for the summer. Hence, owing to the great length of time it will take to print a volume and actually get it out, we have no time to lose in getting under way.

By the way, you forgot to give me Torrey's initials.

Am I correct in the assumption that Miss Robertson's paper on Bryozoa is to go into the book exactly as printed in the Academy's Proceedings, so that it may be reprinted from the same stereotype plates; and is this the case also with your paper in conjunction with Miss Crocker's paper on Pycnopodia? I presume the latter

(Wm. E. Ritter --- 2)

paper will go into the Echinoderm volume with Verrill's report.

Very truly yours,

C. Hart Merriam

Prof. William E. Ritter.
Berkeley, Calif.

Washington, D. C., December 31, 1900.

Berthold Meisel,
104 High Street,
Boston, Mass.

Dear Sir:

Herewith I am sending you (by United States Express prepaid) seven pen drawings of Nemertean worms belonging to Prof. Coe's paper (along with the colored plates you are now printing). I shall be glad if you will inform me at once whether you can reproduce these plates by photo-lithography, so as to give us proofs at once and deliver the edition in a couple of weeks, along with the colored plates you are now printing. If you can do this, please let me know the price at which you will furnish 1,300 copies each of the seven plates on good uncoated paper.

Respectfully,

C. Hart Merriam

Washington, D. C., December 31, 1900.

Berthold Meisel,

164 High Street,

Boston, Mass.

Dear Sir:

Herewith I am sending you (by United States Express prepaid) seven pen drawings of Nemertean worms belonging to Prof. Coe's paper (along with the colored plates you are now printing). I shall be glad if you will inform me at once whether you can reproduce these plates by photo-lithography, so as to give us proofs at once and deliver the edition in a couple of weeks, along with the colored plates you are now printing. If you can do this, please let me know the price at which you will furnish 1,300 copies each of the seven plates on good uncoated paper.

Respectfully,

C. Hart Merriam

The reduction is marked on each plate
The size of our page is 7X10 inches

Retake of Preceding Frame

Washington, D. C., January 2, 1901.

Dear Mr. Lanier:

The new photogravure of water and cloud effects on the Pacific or in Bering Sea arrived a day or two ago, and was returned to you this morning by express in a package containing the following drawings for reproduction: 4 initial letters; 1 drawing of fur-seals; 14 anatomical outlines for Coe's paper on Nemerteans, and 1 Eskimo woman. The latter is to be made over on account of a blemish on the face, which you will observe in the attached proof. This blemish is uniformly present on all of the proofs. All of these drawings are marked for reduction.

The photogravure seems to be fair, with the exception of a mass of vertical scratches on the upper picture. The lower one shows the texture of the cloth used for backing in printing. This, of course, will be obviated in the final plates.

Suppose you try your hand in devising a title for these pictures, the exact locality being of no consequence, and my imagination being tired.

Yours very truly,

E. H. Harriman.

Mr. H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., January 2, 1901.

Prof. Justus W. Folsom,
Champaign.
Illinois.

Dear Sir:

Dr. Howard has recently handed me your report on the Apterygota of Alaska, accompanied by five full page plates. In going over this report to mark for the printer, I have come across your somewhat curious substitute for synonymy. Of course this sort of thing is all right for people who have the key and know how to use it, but it is such a radical departure from ordinary synonymy, and is so entirely different from anything we are publishing in the Harriman series, that I take the liberty to ask if you cannot send me as a substitute a little synonymy prepared in the ordinary way, so that it may conform to the other papers in the series.

Very truly yours,

E. H. Harriman

January 2, 1901.

Lieut. G. H. Daty,

254 Washington Street,

Boston, Mass.

My dear Sir:

Your letter of Dec. 31st has this moment reached me, and I am exceedingly glad to know that you will send me prints from your Bogoslof negatives. Since, however, they are stored away at your country house, I am wondering if it will be possible for them to reach me in time to be reproduced for my article, which must go to press very shortly.

This paper will appear as one of the chapters in the narrative volume of the Harriman Alaska expedition reports, to be issued in February. This volume is illustrated by at least a hundred full page plates and a still larger number of text figures. All the plates are lithographs or photogravures, equal in quality to the very best yet produced in this country.

I dislike very much to put you to additional trouble in the matter, but I am extremely anxious to reproduce some of your photographs, and hope that it may still be possible for you to secure them in season.

Thanking you for your courtesy in the matter, I remain,

Very truly yours,

C. Hart Merriam

Washington, D. C., January 4, 1901.

Berthold Meisel,

164 High Street,

Boston, Mass.

Dear Sir:

Your letter of the 2d instant is at hand, and your offer to supply an edition of 1,300 copies each of seven photo-lithographic plates for Prof. Coe's article on Nemerteans is accepted, said amount to include paper and lettering. The samples of paper you have submitted, however, are not satisfactory, but there will be time enough before you come to the printing for us to fix upon a paper which is satisfactory, the price of the work to be increased or decreased according as the paper is more or less expensive than the sample you have estimated upon.

We want a good rag stock paper, absolutely uncoated. No border is desired around the plates.

Respectfully,

C. Hart Merriam -

A subsequent letter - [illegible] each of the 7 plates will be wanted -

Washington, D. C., January 5, 1901.

Prof. C. C. Nutting,

Iowa City, Iowa.

Dear Professor Nutting:

Your paper and plates on Hydroids reached me so soon after my letter to you was sent, that the two doubtless crossed in the mail. I wish to assure you of my appreciation of your promptness in the matter of your report. It is a great comfort to have it at this time, and it is evidently a most valuable contribution to science.

Mrs. Darrow's bill for the drawings is entirely satisfactory. I shall endeavor to have it paid as early as possible -- probably within the next two weeks. As these bills are turned in by me in monthly batches, it is impossible for me to expedite a particular one more than to call attention to the matter.

Again thanking you for your courtesy in the matter of this report and for the large amount of trouble and time you have given to the work, I remain, with best wishes,

Very truly yours,

C. Hart Merriam

Washington, D. C., January 5, 1901.

E. O. Cockayne,

The Heliotype Co.,

Boston, Mass.

Dear Sir:

In connection with the publication, by the Washington Academy of Sciences and the Harriman Alaska expedition, of a large number of plates, very many of which are photographs and wash drawings of marine invertebrates, I am preparing a comparative estimate of cost of reproduction by different processes, in order to submit the same with recommendation to the proper authorities. I shall be glad, therefore, if you will let me know at your early convenience at what price you will reproduce by heliotype process such photographs and wash drawings in an edition of 1,300 copies each, you to furnish paper and lettering, the paper to be good rag stock, uncoated, the page 7 by 10 inches, thetype bed 4 1-4 by 7 inches.

Please make your estimate on the basis that you will make 100 plates, and also on the basis that at least 1,000 prints each of these plates will be needed, with a different running headline, a little later than, and in addition to, the first edition of 1,300 copies.

Respectfully,

C. Hart Merriam

Washington, D. C., January 7, 1901.

Dear Mr. Burroughs:

In the final adjustment of the proof of your article, which, as you probably know, was paged and electrotyped sometime ago, it has been necessary to remove certain text cuts, which were not satisfactory to Mrs. Harriman. Some of these I have replaced by new drawings. In other cases this was not feasible, and in two instances I have taken the liberty to write enough additional text to fill the spaces occupied by the cuts. One of these relates to White Pass; the other to the volcano of Shishaldin. The matter which I have prepared for these two places I am sending herewith. Make any changes you see fit, without materially altering the number of words; or, if you don't like what I have written, please substitute matter that will fill about the space.

As it is necessary to close up this matter very promptly, I shall be greatly obliged if you will kindly return the slip to me at your earliest convenience.

With best wishes, I remain,

Very truly yours,

E. Hart Harriman

1919-16 A.

John Burroughs,
West Park,
New York.

January 7, 1901.

Lieut. G. [illegible]. Doty
254 Washington St.
Boston, Mass.

My dear Sir:

Your letter of the 4th inst. reached me Saturday, and the negatives arrived by express this morning, to my infinite joy and relief. I shall have the prints made at once and expect to reproduce, with your permission, three of them. Your courtesy in the matter is, I assure you, greatly appreciated and I shall take pleasure in sending you a copy of the article as soon as it is out. I will return the negatives shortly.

Very truly yours,

E. Hart Harriman

Washington, D. C., January 7, 1901.

Dear Professor Brewer:

What has become of your paper on Alaska atmosphere? I am still hoping it will come in time to squeeze it into the first volume, as there hardly seems a fit place for it in the special volumes on Geology, Zoology, and Botany. Trusting you will be able to send it to me within a very few days, I remain, with best wishes,

Yours very truly,

C. Hart Merriam.

Prof. William H. Brewer,
New Haven, Conn.

In ascending the Pass we met a small party of naturalists from the U. S. Biological Survey on their way to the Yukon, the entire length of which they intended traversing in a small boat. We stopped long enough to visit their tent and take a hasty look at the interesting collection of birds and mammals they had already secured here.

The long graceful curves, so attractive to the eye, repeat on this far off island the profile of Fuji-Yama, the sacred peak of Japan. Those of our party who had seen Shishaldin in previous years described it as snow white from base to summit. When we saw it the upper part, for several thousand feet, was dark --- doubtless the result of heat, for it is smoking this year.

Washington, D. C., January 7, 1901.

A. H. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

Herewith I am returning to you a batch of the Burroughs proof, with corrections and new cuts. In making the corrections, I have used ink for those which must be made any way, and pencil for those which I would like to have made, if the expense is not too great, but which are not absolutely essential.

The last copy of the first page you sent me, and which I inclose herewith, is the most satisfactory to date, but the spacing between the picture and title, and between the title and the beginning of the article, is still considerably too great, according to my notion. I wish you would close this up a little, and send me another proof.

I send you herewith new cuts for pages 5, 13, 93, and 109, to replace cuts in the proof herewith returned. In addition to these, you have probably received from Doubleday, Page & Co. recently another small batch of blocks, to replace cuts on pages 31, 42 (which, by the way, is to be moved over to page 43), and 91. These new blocks differ from the old ones mainly in having the sky line lighter and interrupted or rouletted.

A. H.-Hershey -- 2.

Please return to me all of the old cuts which you take out of the text, and also those of which proofs are inclosed herewith, so that you will not hereafter be bothered by a lot of superfluous cuts.

Instructions for the transposition of wrongly placed cuts are plainly marked on the proof. Should there be anything which you do not fully understand, you will, of course, let me know at once.

The preliminary brochure has just arrived, for which I am obliged, but I regret that you did not send me proof of the price list of papers before printing. Your bills have not yet come to hand.

Very truly yours,

C. Hart Merriam

Washington, D. C., January 9, 1901.

Dear Ritter:

This is merely a line to acknowledge the receipt of your article entitled 'Ascidians from the Southern and South-Eastern Coast of Alaska,' accompanied by four admirable plates, which I shall have reproduced by photo-lithography immediately. I have not yet had time to look over your paper, but it seems to be in good shape. I am glad to see also that the references on the plates appear to be legible. I trust they will prove to agree with the references thereto in the text. I want to congratulate you on having arranged these drawings on the plates so that I can send them to the lithographer exactly as they are. This is an enormous blessing to me.

Very truly yours,

C. H. Merriam

Prof. William E. Ritter,
University,
Berkeley, Calif.

Washington, D. C., January 9, 1901.

Chas. C. Tegethoff,
120 Broadway,
New York.

Dear Sir:

Inclosed you will find receipted bills for the November accounts, except in the case of Chas. P. Hudson. I delayed returning these bills to you until Hudson's should be received, but as it did not come. I wrote him for it and he replied that he had returned it to you direct. Hence, with these, you will have the complete set for the month.

By this mail I am sending J. Starley-Brown all outstanding bills to the close of the year.

Respectfully,

C. H. Merriam

Washington, D. C., January 9, 1901.

Dear Ritter:

This is merely a line to acknowledge the receipt of your article entitled 'Ascidians from the Southern and South-Eastern Coast of Alaska,' accompanied by four admirable plates, which I shall have reproduced by photo-lithography immediately. I have not yet had time to look over your paper, but it seems to be in good shape. I am glad to see also that the references on the plates appear to be legible. I trust they will prove to agree with the references thereto in the text. I want to congratulate you on having arranged these drawings on the plates so that I can send them to the lithographer exactly as they are. This is an enormous blessing to me.

Very truly yours,

C. H. Merriam

Prof. William E. Ritter,
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Berkeley, Calif.

Washington, D. C., January 9, 1901.

Chas. C. Tegethoff,
120 Broadway,
New York.

Dear Sir:

Inclosed you will find receipted bills for the November accounts, except in the case of Chas. P. Hudson. I delayed returning these bills to you until Hudson's should be received, but as it did not come, I wrote him for it and he replied that he had returned it to you direct. Hence, with these, you will have the complete set for the month.

By this mail I am sending J. Stanley-Brown all outstanding bills to the close of the year.

Respectfully,

C. H. Merriam

Washington, D. C., January 9, 1901.

J. Stanley-Brown,

120 Broadway,

New York.

Dear Stanley-Brown:

Herewith I inclose all of the bills that I krow of that are likely to come through me for the work done in connection with the Harriman Alaska book, up to the end of the year 1900, as follows:

C. Hart Merriam (for expenses of Editor's Office for month of December)	$ 7.05
Harry B. Hanger (for stonographic work)	31.50
J. W. Folsom (for drawings for five plates)	59.00
Chas. H. Verrill (for editorial work and proof reading on book)	94.10
Mrs. Elizabeth B. Darrow (for 60 pen drawings of Hydroids)	65.00
A. E. Verrill (negatives and drawings of Echinoderms and Annelids)	107.00
The New Era Printing Co. (for composition and electrotyping 18 chapters for technical volumes)	447.93
	341.58

Very truly yours,

C. Hart Merriam

Washington, D. C., January 11, 1901.

Dear Spader:

Herewith I am sending you by express photographs for five drawings for my Bogoslof article. The photographs for some of these I have just obtained from an officer on a vessel which visited the volcano ten months after its upheaval. In one case, I am sending three photographs which I took in 1891 of the northwest corner of the volcano. I send the three, so that you may have all the material available for your use in making the drawing. I want to show a little of the sea on the left, as well as the cliff with steam coming out of the rocks. The rocks are everywhere covered with mares, but I suspect they are too small to show in the picture.

In the case of photograph 54, I want to use the picture in conjunction with one you have already drawn, and therefore inclose the latter, so that you may treat them in the same general manner. In the case of photograph 12, showing both islands in the distance, please do not fail to show the connecting bar or spit. This photograph is so dark that it shows no details; for which reason I inclose a lighter photograph (No. 60), showing very nearly the same view. In the case of the photograph showing a part of the ship and a small boat, the special object of the picture is to show the long spit which pushes out to the right from Old Bogoslof, and is seen in part over the south spit of New Bogoslof. In the photograph, this spit appears to be undulating. This is due to the

W. E. Spader --- 2.

warping of the original negative, which is a film. It should be perfectly straight and flat. I want to show that this spit is more than double the length of the spit on the left. The one on the right disappeared some years ago. It is not necessary, of course, to show the ship or small boat, unless you prefer to do so.

Very truly yours,

C. Hart Merriam

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., January 11, 1901.

Dear Mr. Lanier:

The batch of 18 skeleton proofs for lettering, which you forwarded from Hoen, arrived today. All appear to be correct, save the one labeled Bryn Mawr and Wellesley Glaciers, College Fiord. The glacier on the right is Smith, and not Wellesley. The fault is entirely my own, as I labeled the other copy wrong. The caption should be, 'Bryn Mawr and Smith Glaciers, College Fiord, Port Wells.'

Last night I received from you proofs of the last batch of line drawings. The initial letters came out well; the others I am disappointed in, as they are by no means first class reproductions. Some of the worms in particular are so poor that I am returning them herewith, to be made over.

In the same package I am sending photographs for three or four photogravure plates, one of which is a double plate. I say three or four, because I do not feel certain as to whether it is worth while to reproduce my photograph of the new volcano taken August 11, 1891, inasmuch as we have already reproduced on a considerably smaller scale a similar, thought not identical, view. Use your own judgment in this matter. The large photograph was taken by our party in 1891 with the Fish Commission camera. The man in the foreground is now dead. The other three photographs, which I have arranged for two plates, were taken by Lieutenant Doty of the Revenue Steamer 'Corwin' in 1884, only ten months after the upheaval of the volcano. They are the photographs I have been

H. W. Lanier --- 2.

chasing for several months past, and I feared, until the last moment, that it would be impossible to get them at all. The one numbered 51 shows the pillar known as Sail Rock, which disappeared in 1890. It looks in the photograph as if plastered against the side of the volcano, but there was really quite a space between the two.

The New Era people are now at work making the necessary changes in the first part of the book, and I presume will be ready to go ahead shortly with the composition of the remaining articles.

I forgot to say that the revised proofs of three photogravures came this morning, and may be accepted. The one of the tongue of ice from Columbia Glacier is much improved. Its caption should b 'Tongue of Columbia Glacier between Islands.'

As to Keeler's article: I should be very glad if you can find time to read it before it is necessary to cast it.

Andrew's bill, which is herewith return, is all right, so far as the pictures go, and I suppose there is no use in kicking about exorbitant charge of $9.50 for lettering these plates; although if I had to pay it, I am sure I never would.

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., January 11, 1901.

Dear Coe:

Your Nemertean paper is now being set up by the printer, and I hope to send you proof in a very few days. In reading over the manuscript, I noticed several things, one of which was that you mention the receipt of extensive collections of west coast material, the study of which is not included in your paper. This seems to me unfortunate, in view of the comprehensive nature of very many of the other papers, which treat of all material available from the Pacific coast region. Do you not intend to include this material in your final paper in the Harriman book?

In your synonymy you very rarely mention the page at which the particular reference is to be found. Can you not easily supply this in the galley proof?

In most cases I have filled in the plate references, which will run from 1 to 13, as we have placed your article first in Vol. 3 of the Academy's Proceedings. You had better carefully verify all of these plate references, so as to correct any error I may have committed.

The scheme of classification of material into volumes, which you sent me a few days ago, is really fine. In your next scheme please include the Pycnogonida. Nutting's paper on the Hydroids is now in my hands, and seems to be an admirable contribution.

Very truly yours,

C. Hart Merriam.

Prof. Wesley R. Coe,
New Haven, Conn.

January 11, 1901.

Mr. Leon J. Cole
Department of Zoology
University of Michigan, Ann Arbor, Mich.

Dear Cole:

Replying to your letter of the 8th inst., I would state that I take pleasure in sending you a copy of Osgood's report on his trip down the Yukon, the same being 'North American Fauna' No. 19. I have also placed your name on the mailing list of the Biological Survey for both bulletins and Faunas.

With respect to the publications thus far issued relating to the material collected on the Harriman Expedition: Nineteen papers have been published by the Washington Academy of Sciences. These may be obtained by purchase from the Treasurer of the Washington Academy, Bernard R. Green, Library of Congress Building, Washington, D. C. You can probably obtain copies on application to the authors all of whom have separates. This is really an advance publication for proper record and to secure priority. Later, all of the papers will be reprinted in the series of technical volumes devoted to the scientific results of the Expedition.

Most of the invertebrate material has been worked up and I already have enough papers to make about two volumes. As it is important that this should go to press as early as practicable, I should be glad to receive your paper on Pycnogonidæ as early as you are able to turn it in. I assume that your illustrations

L. J. C. 2.

will be mainly, if not entirely, in the form of line drawings which may be used as text figures or combined on plates to be reproduced by photolithography. Please let me know how many figures and how many plates you will have.

Very truly yours,

C. Hart Merriam.

Chief, Biological Survey.

January 11, 1901.

Lieutenant G. H. Doty,
254 Washington Street,
Boston, Mass.

My dear Sir:

Again you have placed me under obligation by sending me the additional photographs of Bogoslof, which came this morning. Two of these I have just sent away for reproduction.

One of the others No. 48, puzzled me greatly at first, but in studying it critically I have come to the conclusion that it is the result of a double exposure. Do you not think so yourself? By holding it in a certain light, I am able to make out both sea ends of the upper picture, and can follow the shore line across the top of the lower picture.

Again thanking you for your great assistance and courtesy in this matter, belisve me, with best wishes,

Very truly yours,

C. Hart Merriam

Washington, D. C., January 11, 1901.

Prof. Trevor Kincaid,
University,
Seattle, Wash.

My dear Kincaid:

Thanks for your letter of the 3d instant just received. Mr. Ashmead promises to have his papers ready in a very short time and the same is true of Mr. Currie and Prof. O. F. Cook, who has the Myriapods. As soon as possible after their receipt by me, I shall try to publish them, so that you can have the complete set of insect papers before you before you finally complete your general report. As I understand it, you are going to turn in a general report on the insects, to form the first part of the insect volume of the Harriman series, your report to be followed by the twenty odd special papers by different authors. Shall you have any plates, charts, or diagrams, or illustrations of any kind in your general report? If so, let me know about them as early as practicable. The insect matter is so nearly finished that I thought we might possibly publish the insect volume in the spring, before I go west for the summer. Can we do this?

Very truly yours,

C. Hart Merriam

Washington, D. C., January 11, 1901.

Berthold Meisel,

164 High Street,

Boston, Mass.

Dear Sir:

I have not received from you the samples asked for of paper for the worm plates, and shall be obliged if you will kindly send the same at your earliest convenience. I do not remember to have received samples of the paper on which you intended to print the colored plates, but assume, of course, that it is a good uncoated, rag stock paper.

When will you let me see proofs of the photo-lithographs?

Respectfully,

C. H. T. Townsend

Washington, D. C., January 12, 1901.

Dear Coe:

Your letter of the 11th has just reached me, and I hasten to thank you for the suggested arrangement of the invertebrate papers. This scheme is good to think of, but hardly disposes of the problem. For instance, Ritter thinks he wants a whole volume for his material, and there seems to be in hand enough for a special volume on insects. Furthermore, in view of the size of Elsan's paper, to combine it in one volume with yours on Nemerteans and the other papers you mention, would make a book about the size of Webster's Unabridged.

In the Harriman book, and also in Vol. 3 of the Washington Academy's Proceedings, it seems probable that we shall adopt the custom, wherever authors so desire, of giving the author's title or official position in connection with his name. For instance, Kincaid wishes to have his articles headed by 'Trevor Kincaid, Professor of Zoology, University of Washington.' Others prefer not to have a title given. I should be glad if you will let me know at an early date your preference in the matter, and if you desire your official position recorded, please enter the same in full at the head of the galley proof of your article, which I trust will reach you very shortly.

Inclosed herewith is a blank form, which I shall be obliged if you will fill out with the necessary data respecting your Nemertean paper for the Academy's Proceedings.

Wesley R. Coe --- 2.

Inclosed you will find a proof of the text figures for your article. Some of the lines have failed to reproduce properly, owing to the fact that the lines in the original drawing were too fine. Drawings for text figures should be very clear and distinct, and the lines should be sufficiently heavy to reproduce nicely.

Very truly yours,

C. Hart Merriam.

Prof. Wesley R. Coe,
New Haven, Conn.

Washington, D. C., January 12, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

An unfortunate delay occurred in getting off the package of 17 plates, concerning which I wrote you on the 9th instant. The package containing these plates goes to you today by U. S. Express prepaid. Of the 17 plates sent herewith, 4 illustrate an article on Ascidians, by W. E. Ritter; 13 an article on Hydroids, by C. C. Nutting.

In giving you the lettering for my glacier picture in Port Wells, I made a bad blunder, which I hope you will be able to correct. I gave you the title as 'Bryn Mawr and Wellesley Glaciers.' The one on the right is not Wellesley, but Smith, and the title should read, 'Bryn Mawr and Smith Glaciers, College Fiord, Port Wells.'

In the package with the plates I have included the long delayed map showing the distribution of forests in Alaska.

Very truly yours,

C. Hart Merriam

Washington, D. C., January 15, 1901.

Dear Spader:

Thanks for your letter of the 14th instant. Yes, there was plenty of steam and smoke covering and concealing the top of Bogoslof volcano at the time the photograph was taken, but the photograph is so exceedingly poor that it fails to show this, but you can see it in the other photograph, sent for a suggestion in various ways. Photograph 12 was chosen instead of 60, because it shows higher points on the right of the volcano than does 60; in other words, the cloud of steam had risen a little at this point just at the moment the plate was exposed. The whole summit is hidden in both pictures. I shall be very glad to receive these drawings at your earliest convenience, as Mr. Lanier is sticking pins in me constantly for my delay.

Very truly yours,

C. Hart Merriam.

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., January 16, 1901.

Chas. C. Tegethoff,
120 Broadway,
New York.

Dear Sir:

Your letter of the 15th instant is received, together with check for $841.58 in payment of the various accompanying bills for the December account in connection with the Harriman Alaska Expedition book. In accordance with your request, I am drawing my personal checks for the various amounts, and will send the same off today, and will return the receipted bills to you when all have come back to me. At the same time I feel compelled to reiterate that it is not clear to me why I should be asked to do the additional clerical work incident to the payment of these accounts.

Respectfully,

C. H. Merriam

Washington, D. C., January 16, 1901.

Prof. A. E. Verrill,
New Haven, Conn.

My dear Professor Verrill:

I have today received Mr. Harriman's check covering the December bills, and at his request am sending you herewith my check for $107.00, the amount due you for photographs and drawings in accordance with the accompanying bill. Kindly return the receipted bill to me, and oblige.

Can you give me any idea as to when your report on the Echinoderms is likely to be ready for printing? I should be very glad if it might reach me in time to be published before I go away for my season's field work in the West.

Very truly yours,

C. H. Merriam

Washington, D. C., January 16, 1901.

Chas. H. Verrill,

Department of Labor,

1429 New York Avenue,

Washington, D. C.

Dear Sir:

At Mr. Harriman's request, I send you herewith my check for $94.10 in payment of your bill for editorial work and proof reading on the Harriman Alaska Expedition book. Kindly return the receipted bill to me, and oblige,

Yours very truly,

E. H. Harriman

Washington, D. C., January 16, 1901.

Mrs. Elizabeth B. Darrow,

Iowa City, Iowa.

Dear Madam:

At Mr. Harriman's request, I send you herewith my check for $66.00 in payment of your bill for the 60 excellent pen drawings illustrating Prof. Nutting's report on Hydroids. Kindly return the receipted bill to me, and oblige,

Respectfully,

E. H. Harriman

1117-1184.

Washington, D. C., January 15, 1901.

Dr. J. W. Folsom,
617 West Hill Street,
Champaign, Ill.

Dear Sir:

At Mr. Harriman's request I send you herewith my check in payment of your bill of $59.00 for the drawings illustrating your paper on Alaska Apterygota. Please return the receipted bill to me.

Very truly yours,

E. H. Harriman

Washington, D. C., January 16, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Herewith I am handing you at Mr. Harriman's request my check for $477.93 in payment of the accompanying bill. Kindly return the receipt to me.

Respectfully,

E. H. Harriman

Washington, D. C., January 15, 1901.

Dear Mr. Lanier:

Your letter of the 14th instant is at hand, and also the returned Bogoslof photograph, and the package of finished photogravures from Elson, for which I am exceedingly obliged.

The printers have not yet sent me revise of the Burroughs article, but it will probably come shortly. The changes in the way transpositions and substitutions of illustrations, etc., will necessitate the resetting of a number of pages. In the case of two illustrations removed at Mrs. Harriman's request, I wrote enough additional matter to exactly fill the spaces and had the same approved by Burroughs in advance, so as to reduce to a minimum the number of cases in which it would be necessary to run over and reset the following pages. It begins to look as if it would be impossible to get the book out before the middle of March. Have you yet found a paper which is suitable for the text?

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., January 16, 1901.

Dear Coe:

Your letter of the 14th instant, inclosing three additional text drawings for your Nemertean paper, has just come to hand. I will have these reproduced at once and will also have the other drawings you mentioned made over on a larger scale. The trouble with these is the lightness of the interior lines, which should have been made a little heavier in the beginning.

I am very glad to know that you will add the new species and localities and all other data obtained from the study of the specimens which reached you after the completion of your report. If you will have this material ready to insert on receipt of galley proof, it will be very nice, and will thus obviate the unpleasant necessity of altering stereotype plates, and will give your paper the advantage of being a complete synopsis of the West Coast species so far as known to date. Do not feel the slightest hesitation about including material or drawings from material not collected on the Expedition. It is intended to make these papers as complete as possible by the inclusion of everything from the West Coast which will add to their value.

Very truly yours,

C. Hart Merriam

Prof. Wesley R. Coe,
New Haven, Conn.

Washington, D. C., January 18, 1901.

Dear Professor Brewer:

Many thanks for your excellent article on the Alaska atmosphere, which came yesterday evening, and which I have read with much interest and profit. Owing to other delays, your delay has not seriously inconvenienced me, and I am exceedingly glad to have your paper in time to get it into the first volume, where it belongs. I am sure it will interest and instruct a great many people. Proof will be sent you as soon as the article is in type.

Trusting that you will whip that cold of yours, and with continued best wishes, I remain,

Yours very truly,

C. Hart Merriam.

Prof. William H. Brewer,
New Haven, Conn.

Washington, D. C., January 16, 1901.

Dr. George Bird Grinnell,

Forest and Stream Office,

New York.

Dear Grinnell:

My attention has been recently called to a report of a Special Agent of the Treasury Department on the salmon fisheries. This report is for 1900, and is said to contain mention of a new and particularly diabolical kind of salmon industry, namely, an establishment in which only the bellies of prime salmon are preserved, salted, and packed in cases for shipment, the whole fish except the belly being thrown away. Nofer told me, if I am not mistaken, that he visited one of these establishments near Tyonek at the head of Cook Inlet and that he knew of several others. Will you not look into this matter at once, and write an additional paragraph or two for your salmon article, which will go to the printer shortly?

You are getting into a bad habit of coming to Washington for so short a time that you are unable to make me a visit. I wish to propose a compromise arrangement, which is, that when you are too pressed to stay over night with us you come to my house from the train and take breakfast with us. This will enable you to get to the Department as soon as it is open for business, and will not delay you at all in getting off, if it must be so.

As ever yours,

C. Hart Merriam

January 19, 1901

Prof. William Trelease

Director Missouri Botanical Garden

St. Louis, Mo.

Dear Professor Trelease:

For some time past I have been waiting as patiently as possible for your reply to my last letter, but it has not yet arrived. I am anxious to know as early as may be the number and names of of authors of the botanical papers which will appear in the botanical volume or volumes, and also am hoping for an approximate estimate of the number of printed pages and the number of plates. Mr. Harriman wants to know a lot of things which I am not yet in a position to tell him. For instance, I have not the means of knowing how many volumes we shall require or how many authors and plates will appear.

My special stimulus in writing you today is a circular letter from Saunders addressed to the U. S. National Herbarium, and dated Brookings, South Dakota, January 14. This letter states that 10 sets of about 100 species each have been made up from the algæ collected on the expedition, and are offered for sale at $10 each. It is hardly necessary to comment on the moral point of view which would enable a member of the expedition to offer for sale material collected while he was Mr. Harriman's guest. And entirely apart from this, is this action not a direct violation of the general understanding that the collections in the various departments were to be divided between the collector and the National Museum? In

W. T. 2.

nearly all of the numerous groups already worked up, the material has been so placed and the types have been deposited in the National Museum where they are cared for in a fire-proof national institution, and where they are and will be accessible to workers for all time to come.

Inasmuch as Saunders was appointed by you as your assistant, I am writing you instead of him. With best wishes,

Very truly yours,

C. Hart Merriam.

Original Defective

Washington, D. C., January 23, 1901.

Dear Spader:

Thanks for your letter and Bogoslof drawings, which have just arrived, and are very satisfactory. It seems to me that this batch is short one drawing from one of the large photographs. Could you have mislaid this?

Trusting that you are fully recovered, I remain, with best wishes,

Very truly yours,

C. Hart Merriam

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., January 23, 1901.

Dear Mr. Lanier:

By express I am sending you herewith 7 drawings of Bogoslof, 1 of a beetle, and 3 of worms (11 in all) for reproduction by photo-engraving, reduced as indicated.

The New Era people have just sent me a batch of the corrected and transposed matter for Burroughs' article, on which I am now at work.

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., January 23, 1901.

Prof. W. R. Coe,

New Haven, Conn.

Dear Coe:

Herewith I am sending you by express photo-lithograph proofs and originals of the 7 black and white plates accompanying your Nemertean article. These plates should be numbered VII to XIII inclusive, as they immediately follow your 6 colored plates.

I shall be obliged if you will kindly go over these with care, making any necessary corrections, verifying the references, etc., and send them direct to Berthold Meisel, 164 High Street, Boston, Mass., in order to save time.

It seems to me that these plates are coming out very satisfactorily, although a few points failed to reproduce and need a little retouching, which you will, of course, indicate.

Very truly yours,

C. Hart Merriam

Washington, D. C., January 23, 1901.

Chas. C. Tegethoff,
120 Broadway,
New York.

Dear Sir:

Herewith I return to you the December account relating to the Harriman Alaska Expedition book, with all the bills receipted.

Respectfully,

E. H. Harriman

Washington, D. C., January 25, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Respecting the corrections for the Burroughs article returned to you a day or two ago, I note that you refer to a new cut to be inserted on page 3. I do not understand this and think you probably gave a wrong page number. The cut which your compositor substituted for the Snake River Canon is a picture of Serpentine Glacier and belongs much farther along, as indicated in the proof. I marked on the blocks themselves the pages in which they are to be inserted.

The running headline -- 'John Burroughs' -- is correct for this article; in the later articles we drop the front name intentionally.

It will not be safe to electrotype any more matter for this volume until we get the pages of the Burroughs, Muir, and Grinnell articles straightened out. At present they are all balled up, and electrotyping only makes additional trouble and expense. My plan is to begin at the beginning with the Burroughs article, as we have now done, and push right along with the corrections and transpositions until we get through to the new matter. When all will be clear sailing.

Respectfully,

J. Hall Lanier

Washington, D. C., January 25, 1901.

My dear Mr. Lanier:

Yesterday I received and returned to you rough proofs for captions of three Bogosloff photogravure plates. As the originals were not returned to me, I was not able to indicate any corrections that may be necessary. One of the plates looked as if the top had been trimmed, and the pictures in the double plate seem very small. In putting the captions on this double plate two sizes of type should be used, as indicated; by this I mean that the general title at the bottom should be in larger type than the specific titles immediately under each picture.

From the three finished photogravures sent me by you a week or more ago, it appears that these photogravures are being printed on thick paper, which will, I fear, make the book unwieldly and difficult to open nicely. I thought we had selected a much thinner paper for all of the plates.

In view of the large number of these photogravures and their thickness, and in view also of the scarcity of illustrations in some of the volumes that follow, it might be well to omit the Sea Lion Drive and the Sea Lion Rookery on the east end of St. George Island. These could be printed in an edition of 1,000, instead of 5,000 copies, and used in the marral volume.

H. W. Lanier -- 2.

Please send me as soon as possible proofs of the line drawings recently sent you for reproduction, and also new proofs of those rejected in the previous lot.

Very truly yours,

C. Scott Williams

H. W. Lanier
Doubleday, Page & Co.,
New York.

Washington, D. C., January 28, 1901.

Chas. B. Hudson,
10 9th Street S. E.,
Washington, D. C.

My dear Mr. Hudson:

What has become of you and your drawings? We are rapidly approaching the end so far as the illustrations for Vol. 1 go, and must have yours in the very near future, or it will be impossible to get them into the book. I supposed you were going to let us have them sometime ago.

Very truly yours,

C. Scott Williams

Washington, D. C., January 25, 1911.

Prof. Wesley R. Coe,

New Haven, Conn.

Dear Coe:

Herewith I am sending you proof and copy of your Nemertean paper up to and including galley 12. In the same package I am sending my only set of proofs of your plates, in order that you may have the data necessary to make all verifications of plate numbers and references. In the same package I have included proofs of the text cuts and shall be obliged if you will kindly cut these out, paste each one on a separate slip with a plainly written legend underneath. Please number them consecutively, from one to the end, as they will be the first figures in the volume, your paper coming first. In the case of the three new drawings, of which I have not yet received proofs, please fix up numbers if you possibly can, and indicate in the text just where they are to go. This will enable me to put them in in the proper places, if they reach me Monday or Tuesday, as is quite probable. In the case of the cuts I am having remade in larger size, I will substitute the new blocks for the old, if you will number and letter the old proofs just as you want them to appear.

In glancing at this proof I see that the printer has spelled Eschscholtzii with a diphthong æ. This you will, of course, correct.

Wesley R. Coe --- 2.

You will doubtless notice one or two places in the text where I have altered your phraseology somewhat in the interest of conciseness and uniformity. Some of your diagnoses were written in concise, diagnostic style; others in a rather loose conversational style. It was impossible for me to bring about complete uniformity, but I have attempted it in places where it could be done without too much mutilation and transposition of the text. The transpositions of paragraphs made were for the purpose of securing more uniform sequence of parts under the various species, as you, of course, observe.

Very truly yours,

C. Hart Merriam

Washington, D. C., January 28, 1901.

Dear Grinnell:

Thanks for your letter of the 26th instant, transmitting a revised article on Alaska Salmon. I have put this with the previous one, and imagine I had better combine all the changes on the last copy. You will, of course, see proof as soon as it is put in type.

As ever yours,

C. Hart Merriam

George Bird Grinnell,
Forest and Stream Office,
New York.

Washington, D. C., January 28, 1901.

Dear Professor Trelease:

Your letters of the 21st and 25th, with inclosures, are at hand, for which I am greatly obliged. The letter from Saunders is herewith returned to you, and I am very glad to see that your letter has had the desired effect. So far as I see, there is no reason why sets should not go to the individuals or institutions named, so long as they are not sold.

As to the other matters mentioned in your letter of the 21st instant, I am, of course, glad to have the information you give, but I am still in ignorance of the names of the authors of several of the Botanical papers which are being prepared under your general direction. I appreciate that you cannot at this time give me ~~some~~ definite data as to length of papers and number of plates, but I thought you might possibly be able to state the names of authors and groups they will report on, so that they might be added to my already long list.

With kindest regards and congratulations that you have brought the Algae matter around so satisfactorily without bloodshed, I remain,

Yours very truly,

C. Hart Merriam

Prof. William Trelease,
Director Missouri Botanical Gardens,
St. Louis, Mo.

Washington, D. C., January 28, 1901.

Dear Spader:

Thanks for duplicate of your bill, just received. I regret that you did not get it in a few days earlier, so that it might have gone through with the last lot of accounts. It appears entirely correct. In a few days I am likely to ask you to make a few more initial letters for us, but at the present moment I cannot be certain what these letters must be.

Very truly yours,

C. Hart Merriam

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., January 28, 1901.

Dear Stanley-Brown:

Your memorandum transmitting an account from Doubleday, Page & Co., dated Jan. 24th, arrived this morning. The Andrew bill for photogravures is correct; the Wright bill is probably correct, but owing to the way in which it is made out and the long age date (Dec. 5), it is difficult to check it with my cuts. It seems to me it would be far better to have bills rendered promptly at the end of each month, instead of letting them run over nearly two months, as in this case.

Elson's bill for photogravures I should return for titles of plates. It is impossible for me to pass on a bill of this kind, which simply says so many plates at so much each, without stating what the plates are. A previous bill from Elson, giving the titles of the plates, was sent me by D. P. &Co. about the middle of December, and was returned by me unapproved on Dec. 15, with the following comment: "The bill you inclose from Elson is herewith returned. I note his extraordinary charge for engraving, and also the charge of $22.50 for making over the plate of Dutch Harbor. Was not the plate of Dutch Harbor paid for on a previous bill? He also charges for remaking the plate of Fort Wrangell, which I think has already been paid for. It would be a novel feature to receive payment for a rejected plate and then duplicate the bill for the new plate substituted for the rejected one."

J. Stanley-Brown ---- 2.

Inasmuch as the present bill fails to name the plates, it is impossible to say whether or not any of the items are duplicates.

Very truly yours,

E. Hall Imman

J. Stanley-Brown,
120 Broadway,
New York.

Washington

Jan. 30, 1931.

Dear Spader:

Enclosed is Dali's poem on the Innuit People. Is your imagination sufficiently active to enable you to illustrate it?

By the same mail I am sending you a batch of Eskimo photographs which may afford suggestions and material. The only drawing we have thus far is one of the interior of a topek with a group of Eskimos talking.

Please read the poem thoughtfully, look over the photographs, and sail in. It is pretty late in the day, I know, but 'better late than never' you used to say when you came down to breakfast at 9 o'clk.

As ever yours,

C. Kurt Wirsum

W.E.Spader,Esq.

Brooklyn, New York.

Washington, D. C., January 31, 1901.

Dear Mr. Lanier:

Your letters of Jan. 25th, 26th, 28th, and 29th are at hand, together with samples of paper, proofs of the five lithographs by the Taber-Prang people, and (received this morning) proofs of the line drawings, and prints of the Polemonium and Salmonberry pictures for lettering. I furnished this lettering a long time ago, but am duplicating it herewith. In this Polemonium picture it is, of course, absolutely necessary that reference numerals be inserted on the plate. They should be printed in gray ink. All of these plant pictures are by Walpole.

Spader's bill I have checked by our drawings and find entirely correct.

The samples of paper you sent me I personally examined microscopically and am now having them analyzed in our chemical laboratory. They will be reported on in a day or two, and I will let you know the result. None of these are "all rag," as you know, but the one marked '34-20-80' is a good paper, and will make a very handsome book if the press work is carefully done and good ink used. The super finish colonnaded paper I do not like on account of the glazed surface. I despise the effect of glazed paper. There is nothing so rich as a rough finish wood white paper.

H. W. Lanier --- 2.

I quite agree with your informant, who states that better results will be obtained with a 75 percent rag stock than with a stock which is all rags in the case of cotton rag papers; linen papers are another story. A small quantity of boiled and well-beaten soda pulp, if properly washed, does no harm and makes a better finish than where the material is all cotton rag. Sulphite pulp should not be used for two reasons: It becomes yellow with age, and also becomes brittle. Most papers are bleached with chlorine, which, if it is not completely washed out, gradually destroys the vitality of the paper.

The Polemonium and Salmonberry pictures are returned by mail herewith.

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., January 31, 1901.

Dear Stanley-Brown:

Mr. Gilbert tells me that the various batches of H. A. E. negatives were returned to the owners long ago. If you will send me a list of the numbers of my negatives from which slides are desired, I will have them made and delivered to Miss Foster for coloring, in accordance with your letter. My recollection is that Mrs. Harriman already has slides from my best negatives.

Very truly yours,

C. Hart Merriam

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., January 31, 1901.

Dear Coe:

Your letter of the 28th instant is at hand, and the last batch of proof arrived this noon, the first part of which I have already forwarded to the printer.

I am worried about the text figures, inasmuch as I do not find all of them in the paper. It will be impossible to add figures in the page proof without running the whole of the matter over from the point where the figures would have to be inserted --- a most expensive performance.

Another matter that troubles me is the plate numbers for the figures in the colored plates. You had these numbered in a consecutive series, and they so stood in the last proofs I had from Meisel --- the proofs which I sent you the other day. I observe from your proof corrections that you have upset all these numbers, apparently beginning each plate with No. I. This, of course, would be all right if the numbers on the plates were corrected accordingly, but you have said nothing to me about making any such changes in the numbers on the plates, and I supposed Meisel had the entire edition printed before I sent you the proof. Possibly you can explain the matter in some way.

Wesley R. Coe --- 2.

Page proof will be sent you as soon as received. Your Contents is a little too long for our page, in view of the room taken up by the double title and the Harriman papers. Hence I have shortened it by leaving out one or two unimportant entries.

Very truly yours,

E. H. Harriman

Prof. Wesley R. Coe,
New Haven, Conn.

Washington, D. C., January 31, 1901.

Berthold Meisel,
164 High Street,
Boston, Mass.

Dear Sir:

I will be obliged if you will kindly inform me whether or not you have shipped to the New Era Printing Co., Lancaster, Pa., the 13 plates you have recently printed for Prof. Coe's article on Nemerteans. I believe you promised to deliver these plates about two weeks ago.

Respectfully,

E. H. Harriman

February 1, 1901.

Mr. H. W. Lanier

~~New Era Printing Co.~~

Lancaster, Pa.

Dear Mr. Lanier:

Mr. Cockayne of the Heliotype Company was here a few days ago and in arranging with him for a lot of heliotype and photolithograph work, I arranged also for the heliotype plates of invertebrate figures for the technical series of the Harriman reports, thereby securing the desired edition at a very considerable reduction in cost. The terms agreed upon for heliotype plates are $15.00 per 1,000 prints, lettering and paper included. The paper is strong rag stock, of which I have samples.

In order to secure these very desirable terms, it was agreed that in case of prints appearing in both the Proceedings of the Washington Academy of Sciences and the Harriman Expedition books, the editions for both should be printed in one straight run. Inasmuch as the lettering for the top line will differ in the two cases, Mr. Cockayne suggested that he hold the edition for the book until we are ready for the same, and then letter and slip them in accordance with our instructions.

With respect to the three lithograph plates, which he agrees to make for us at about $9.00 a plate, I did not make any arrangement for the Expedition edition. Doubtless you will do this.

Very truly yours,

E. Dent Harriman

Washington, D. C., February 2, 1901.

Dear Coe:

Your letter of yesterday sets my mind at rest on the two points which I feared might cause a discrepancy between the page references and the plates. I had forgotten all about changing the numbers on the colored plates, and I am sure I have never seen proofs with the corrected numbers. Those I sent you the other day were the last received by me from Meisel, and were sent me by him for the special purpose (as I wrote him) to enable me to make the text references conform to the numbers on the plates. These were rough plates sent for the lettering and reference numerals only, and not intended as proofs for the figures themselves. Meisel, you will remember, has never sent corrected proofs of the figures, but insisted that all the corrections could be properly made when the printing was started. I will see if I cannot get a set of these plates as actually printed at once, so that we may know where we are at.

Proof of the makeover cuts has just come in and is inclosed herewith. I have attached duplicate proofs of the same in the proper places in the galley.

Very truly yours,

C. Hart Merriam.

Prof. Wesley R. Coe,
New Haven, Conn.

Washington, D. C., February 2, 1901.

Dear Spencer:

Your letter of yesterday caused me both joy and pain. I am glad to know that you are willing to tackle the imaginative Innuit pictures, but it pains me beyond expression to have you say that you cannot do them at once. This article ought to go to the printer almost immediately, and I do hope you will be able to make the necessary drawings in time. I wish you would tell me just what you think of doing and let me know if I can help you in any way by reference to published illustrations.

Very truly yours,

C. Hart Merriam.

W. R. Spencer,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., February 2, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Yesterday I sent you by express copy for two additional papers for the Washington Academy --- one by Miller on Mammals; the other by Dall on Shells. I also returned to you galleys 1 to 7 of Coe's paper on Nemerteans and am sending you the remaining galleys (8 to 14) today. What is the difficulty with this paper? It seems to take forever to get it into type. I suppose the size of our last volume may be taken as an index to the capacity of your establishment so far as the work you can do in a year in this line is concerned, as we kept you pretty continuously supplied with copy, and could have furnished several hundred pages more if you could have handled it.

I earnestly hope that you will be able to set up at once the matter now in your possession, as we are in a hurry to get a number of brochures out, and there is a great accumulation of copy in our hands which the authors want to see in type, and which we wish to unload.

Very truly yours,

C. Hart Merriam

Washington, D. C., February 2, 1901.

Berthold Meisel,
164 High Street,
Boston, Mass.

Dear Sir:

I have not heard from you yet as to the date of shipment of the Nemertean plates to the New Era Printing Co., Lancaster, Pa.; nor for that matter have I heard positively that you have shipped them. I shall be obliged if you will kindly send me at once two complete sets of the plates as printed, so that I may actually see the lettering and plate references. The set of colored plates you sent me a short time ago at my request for the purpose of verifying the text references had the figures numbered consecutively from plate I to plate VI; while, as a matter of fact, the numbers on these plates were changed last summer so as to begin each plate with No. I, as I got all the text references wrong.

Respectfully,

C. Hart Merriam

Washington, D. C., February 4, 1901.

Dear Stanley-Brown:

Herewith I hand you my account for the month of January in the matter of the Harriman Alaska Expedition books, as follows:

C. Hart Merriam — Expenses of Editor's Office for January ..... $ 6.28

Harry D. Langer — Stenography and typewriting 30.80

$37.08

Very truly yours.

C. Hart Merriam

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., February 4, 1901.

E. H. HARRIMAN

to C. HART MERRIAM, Dr.

(Alaska Expedition Books).

To Expenses of Editor's Office for month of January .....

Expressage (manuscript to Lieut. Dot, $ .26; plates for drawing to Spencer $ .31; plates to Doc $ .26)---- 3.83

Postage on letters and packages 4.80

Two electrotypes of Dogskin ..... .65

$9.28

Received payment.

Washington, D. C., February 4, 1901.

A. Eben & Co.,
Baltimore, Md.

Dear Sirs:

How long before you will supply proofs of the photo-lithograph plates which you now have in hand for us; also, when can you let me have proofs of the Alaska maps, and when will the revised Fox plates be ready?

Respectfully,

C. Hart Merriam

Washington, D. C., February 5, 1904.

Dear Dreder:

Thanks for your letter of the 4th instant about the Eskimo illustrations. You have skipped the first verse on account of the difficulty of illustrating it I suppose. It is a good subject for illustration, but requires familiarity with the exact methods employed and I fear is out of the question at present. The second you say you will do if I will send you good photographs of walrus with their heads above the water. Unfortunately I never saw any photographs of this kind. They would be a great prize. The only photographs of walrus which I remember are those reproduced in Lieutenant Powell's Arctic books. These you no doubt have access to. The picture will be an attractive one if we can show the ice floe and the walrus with reasonable correctness.

The third verse is already illustrated, as you state. The fourth assumes a picture. Use of whatever of your own suggestions you feel that you can carry out to best advantage. The fifth will be [illegible]. The Eskimo do not use forks or spoons, but dip their fingers directly into the eating bowl. They even dip their fingers into the seal oil and then turn quickly through the mouth, so as to get as much of the oil as possible. The only bowls I saw [illegible] were really not bowls at all, but large, flat, and very shallow dishes carved out of solid pieces of driftwood.

W. B. Spader -- 2.

They wear the same clothes inside the lodge as outside, when they wear any at all; but it is usual for both sexes to take off their clothes when they go inside, if they are to stay any time. At Plover Bay, where we visited a number of families, the women, when they went inside, usually dropped their parkas, leaving their bodies from the waist up uncovered. I doubt if this verse can be adequately illustrated.

The seventh and eighth are worth trying, particularly the seventh.

These drawings should be made with a view to considerable reduction, say to about three inches, as they will be run into the text.

Very truly yours,

C. Hart Merriam

W. B. Spader,
1020 10th Street,
Brooklyn, N. Y.

Washington, D. C., February 6, 1901.

Dear Mr. Lanier:

Replying again to your letter of the 2d instant, I am glad to be able to state that the report of our chemist on the samples of paper submitted has been received. Only two of the three samples were considered as worth testing. These appear to be made by the same firm, and both were marked 'all rag,' which statement in both cases is untrue. The fiber in both has been converted into cellulose, and the mineral matter present was in sufficient quantity to form in one case 15.02 percent, in the other 17.4 percent. The sample marked "30-0-0. N. B wove" is the better of the two, not only because it contains the smaller amount of mineral matter, but because the texture is more nearly alike in both sides, and therefore will take text figures better than the other. In connection with your request, I return samples of both of these papers herewith. It would be a good idea to send a sheet of this paper to the New Era people to have a number of our cuts printed upon it, so as to see exactly how they will come out. They should be instructed to pull good prints with good ink, so as to give a fair test of the paper, instead of the ordinary flat proofs, which do not give any paper a fair show.

I am glad you approve of the arrangement with the Hillstype people, and see no reason why they should not be paid as soon as the work is done. It would probably be wise to insure the plates.

H. W. Lanier -- 2.

The photo-aware proofs you mention in your letter of the 5th, instant have not yet come to hand, but will be attended to promptly on their arrival.

It would be a good idea for you to stir up the New Era people a little in this matter of correcting the cast plates of the Burroughs article, as they are going so slowly that I fear it will be impossible to get the book out even in March unless they push ahead much more swiftly.

Very truly yours,

Chas. Scribner

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., February 11, 1901.

Dear Mr. Lanier:

The lettered proofs of Bogoslof photogravures arrived a few days ago and are O. K. In the case of the doubleplate, I hope great care will be used in the printing, so as to modify, so far as practicable, the extreme contrasts of light and shade. Some parts are almost black in the proof. The other picture --- the one showing Sail Rock in the foreground --- is a remarkably fine piece of work.

The two remaining Pleiad pictures came duly and were turned over to Mr. Coville who promised to return them to me Saturday. As soon as they arrive, I will forward to you, with his remarks. I think both are very fine, particularly the one of the yellow Ranunculus. The white flowers of the Anemone are not quite true to form, but whether or not Coville will deem it necessary to have them altered, I do not know.

It is a long time since I have received any proof or plate corrections from the New Era people. Like some others, they seem to be badly overworked.

The bill you inclosed from Andrew, and which I herewith return, appears to be correct.

Very truly yours,

C. Hart Merriam

H. H. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., February 11, 1901.

Dear Fitter:

By this mail I am sending proofs and originals of your Australian plates. Please return as early as practicable. The lithographer requests that the originals be returned with one set of proofs, in order that he may do certain retouching when he goes to press.

This morning's mail brought a batch of papers from you and some of your Australians, for which I am obliged.

C. Hart Merriam

Prof. William E. Ritter,
University of California.

Original Defective

C

Washington, D. C., February 11, 1901.

Prof. C. C. Nutting,

Iowa City, Iowa.

Dear Professor Nutting:

Proofs of your plates of Hydroids have just been received and are transmitted to you herewith. Kindly return one set with your corrections as early as may be; please also return the originals as the lithographer particularly requests that he may have them back in order to do a little more retouching at the time the printing is started.

Very truly yours,

C. Hart Merriam -

February 12, 1901.

Mr. H. W. Lanier

34 Union Square,

New York City.

Dear Mr. Lanier:

Coville has returned the flower plates with corrections, and I am sending you by express both originals and corrected proofs. In the ranunculus picture, he points out that the petals in the proof are practically of one color throughout, while in the original the lower ones and some of those on the right are very much brighter yellow, making the original much the handsomer picture. This is very obvious now that it is pointed out. In the case of the heather picture, he calls attention to the general lack of brilliancy in the flowers of the proof, and also to the wrong color of the sepals in the lower flowers. In the originals the sepals are bright pink. In the proof they are a very dark brownish, or reddish brown. Doubtless these points are easy of correction.

Very truly yours,

C. Hart Merriam -

The labels for these two flower pictures are enclosed herewith -.

ALASKA HEATHERS IN BED OF REINDEER MOSS

Cassiope mertensiana (Bong) D. Don.

Cassiope stelleriana (Pall.) DC.

NARCISSUS BUTTERCUP

Ranunculus cooleyae Vasey and Rose.

Washington, D. C., February 13, 1901.

Dear Professor Verrill:

Since the receipt of your recent letters, I have seen Rathbun, and he has agreed to have Stimpson's types of Echinoderms photographed for us at once. He says the Museum collection of Alaska Echini was sent to Alex Agassiz several years ago and has not yet been returned. The other Alaska Echinoderms in the collection are very bulky, and he does not think it practicable to send them away at this time.

I am very glad to know that you have secured the additional material you mention.

As to the paper you mention from Hubert L. Clark: It was offered the Academy for publication sometime ago, but was declined on the ground that the author is not a member of the Academy, and rule not being to receive for publication papers by non-resident members, except by special vote of the Board in cases of unusual merit. The only exceptions thus far made have been in the case of series of papers relating to a particular expedition, as in the case of the Harriman and Galapagos Islands expeditions.

As to your own preliminary paper, of which you speak, the Academy would be very glad to publish it as soon as it is ready, together with the illustrations of new species and perhaps also of other species which you deem it important to have figured in the same connection; or, if your complete paper will be ready in the near

A. E. Verrill -- 2.

future, the Academy might publish it, as in the case of many others of the Alaska expedition papers, all of which will be reprinted from the same electrotype plates for the technical volumes of the Harriman report.

I will send you the photographs of Stimpson's types as soon as Mr. Rathbun has them ready.

Very truly yours,

C. Hart Merriam

Prof. A. E. Verrill,
New Haven, Conn.

February 13, 1901

Mr. Richard Rathbun,

Assistant Secretary,

Smithsonian Institution.

Dear Mr. Rathbun:

Prof. Vorpell, who is preparing the report on Alaska Echinoderms for the Harriman expedition books, is anxious to obtain photographs of the types of Stimpson's species now in the National Museum collection, and I shall be greatly obliged if you will kindly have them photographed for this purpose.

Very truly yours,

C. H. Townsend

Washington, D. C., February 13, 1901.

Dr. Gustav Eisen,

433 Montgomery Street,

San Francisco, Calif.

Dear Dr. Eisen:

Your letter of the 7th instant has this day reached me, and I regret that it has been impossible for us to publish at an earlier date your important paper. The difficulty is, that it goes in the same volume with one or two other papers which are not yet quite ready, but which are promised for the near future.

It is very difficult in a case like the Harriman expedition reports, which contain special papers by more than fifty different authors, to secure the manuscript in proper sequence for grouping into volumes. You were remarkably prompt and turned in your paper among the first. I regret all the more on this account that we have been obliged to hold it so long.

With best wishes,

Very truly yours,

C. H. Townsend

130

Feb-16-1901

Washington, D. C., February 13, 1901.

Dear Coe:

Are you not just a trifle slow in getting your proof back to me? The printers are in a hurry to make the final corrections on the page proof, so that they can cast and use the same type again. I shall be obliged, therefore, if you will kindly return what you have with your corrections. In order that you may retain a duplicate, I am sending another set to you herewith.

Very truly yours,

C. Hart Merriam

Prof. Wesley R. Coe,
New Haven, Conn.

rer

Washington, D. C., February 16, 1901.

Prof. Charles Palache,
Harvard University,
Cambridge, Mass.

My dear Palache:

Knowlton is now at work on the fossil plants brought back by the Harriman expedition. He tells me the collection contains many new species and is of great interest. He finds that part of the specimens only are labeled. My recollection is, that you collected practically the whole lot, and that your principal collection was the one made in Stepovak Bay, while the rest of us were in Bering Sea. Can you tell me at what other localities specimens were collected, and by whom, if not by yourself?

For sometime past I have been intending to write you to inquire as to the progress of your own report. Is it not now nearly ready for the printer? We are anxious to get several of the volumes out if possible before the summer vacation, but unless the copy comes to hand very soon this will be impossible. We have enough material in hand now for at least three volumes, but it is made up of separate papers which do not come in proper sequence for grouping into volumes, and consequently must wait until the gaps are filled.

With kind regards to yourself and Mrs. Palache, whom I greatly regret I was unable to call upon during my brief visit in Cambridge last November, I remain,

Very truly yours,

C. Hart Merriam

Washington, D. C., February 16, 1901.

Prof. B. K. Emerson,
Amherst, Mass.

Dear Professor Emerson:

How are you coming on with your report on the Geology of Alaska? If you can send in your copy for text and illustrations in the immediate future, it may be possible to print the Geological volume and have it out before the summer vacation, which is something greatly to be desired.

I now have in hand papers enough to fill several volumes, but unfortunately the sequence is not such as to enable me to group and publish them at once, so I must wait until the gaps are filled.

Trusting that you will be able to send us your manuscript very shortly, I remain with best wishes,

Very truly yours,

C. Hart Merriam

C

Washington, D. C., February 16, 1901.

Dear Mr. Lanier:

Your letter of the 13th instant is at hand, together with the two proofs of the last Bogoslof photogravure with lettering, which is correct. As the lettering on the last three Bogoslof photogravures is correct, there seems to be no need for returning the proofs, of which I have only two copies.

As to the book proof from the New Era people: The corrections for the additional pages of the early part of this article have come to hand, I am happy to say, and will be returned at once. I have kept the printers supplied with matter for correction so far ahead that it seemed best and safest to hold subsequent matter until they had corrected that in hand; particularly as changes in pagination are involved. The statement is correct, that I am holding a lot of page proof which they wish to electrotype. The reason for this is, that the cast matter of the latter part of the Burroughs article and the whole of the Muir article will have to be repaged, and no man knows, or can know, until these two articles are straightened out, on what page the next following article will begin. Inasmuch as the hasty paging and casting during my brief absence in California last summer has already required five months to undo, and is not yet by any means finished, it hardly seemed the part of wisdom to push ahead with any more electrotyping until we know where we stand.

H. W. Lanier --- 2.

The printers have plenty of copy which they will not be able to set up until this back matter is cast so as to liberate the type. I can easily keep ahead of them at this end of the line, but judging from the rate of speed at which they have operated in the past, I have no reason to suppose that the corrections will be made and the remaining articles set up within a month or six weeks.

Very truly yours,

H. W. Lanier,
Doubleday, Page & Co.
New York.

Washington, D. C., February 16, 1901.

Dear Spader:

Thanks for your letter of the 13th instant and the accompanying drawings. They are good so far as they go, and we will have to give up the imaginative pictures, for which I had hoped, but which would require too much material and too much time at this late day. The only one in which it will be necessary to make any change is the drawing of the Eskimo boy and girl. Dr. Dall would like to have a labret inserted in the boy's lip near the corner of the mouth, as indicated on the drawing. You are probably aware that a large number of the American Eskimo wear stone discs, called labrets, in their lips. They begin with small ones and increase the size as they grow older and the opening becomes more stretched.

Very truly yours,

C. Hart Merriam

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., February 16, 1901.

Prof. F. H. Knowlton,
U. S. Geological Survey.

My dear Knowlton:

Pardon my delay in replying to your letter about the Alaska expedition fossils. Palache collected most of these at an indentation in Stepovak Bay on the south shore of the Alaska Peninsula; and Dr. Dall tells me that all not otherwise labeled were from this locality. As soon as I hear from Palache as to the others I will let you know.

I am glad to learn that the collection contains so much of interest. Of course the new species should be fully illustrated for reproduction by heliotype or photo-lithography.

Very truly yours,

C. Hart Merriam

Feb 19, 1901

Dear Mr Lanier:

On receipt of your letter of yesterday I got together the copy for the various outstanding articles and have made a rough estimate of the number of pages each will make in type. These, with the pages already in type, and allowing for the prefatory matter (contents, list of illustrations and so on) and the blank leaf pages where articles end on the odd page, give a total of 566 pages. This is as close as we can estimate at this time. Authors may add a few pages here & there when they get the proof — I refer of course to the papers not yet set up. I have allowed for the remaining text figures.

All of the papers are in my hands and I can keep the printers supplied with copy faster than they can handle it. As soon as they get Pendaryes & Muir straightened out they can finish them rapidly.

Yours truly S. Mott Williams

Mr H. W. Lanier

ger

I'd Have just rec'd from the New Era people 4 more sample sheets of printing on sample paper submitted by you.

These could be set double that the text would come out square and handsome on the #5 more 30-40=85 paper; but what we want to know is how the text cuts will come out on it, as I wrote you some time ago. The printer evidently were not told that & hence he are just where we were before.

A batch of text cuts should be printed on it with front cover and with back side, so we can see exactly how they are going to look.

The original sample you sent me was 30-40=80. The two used just now (of same type of paper) are 30-40=85 and 30-40=100. The latter seems to stride & bully as the 128 full page plates will make a thick volume anyway.

Two additional samples on other paper came from the New Era. — a cream 28-31-65, and a dirty brownish yellow 28-35=45, neither of which worth considering. Can —

Washington, D. C., February 20, 1901.

Dear Spader:

Thanks for your letter of the 18th instant, which arrived this afternoon along with the corrected drawing. I am sending this batch of drawings off to Lanier for reproduction today, and hope they will come out nicely.

The drawing inclosed in the same package for Mr. Gilbert I have handed to him.

As ever yours,

C. Hart Merriam

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., February 20, 1901.

Dear Stanley-Brown:

The bills from Doubleday, Page & Co., dated Feb. 14, 1901, which you forwarded me for approval, are herewith returned. There are five bills in this batch, three of which are correct as they stand, namely, Wright's for $11.00; Andrew's for $71.00, and Spader's for $303.75. Wright's bill of Jan. 8, amounting to $8.50 I know nothing about. Andrew's bill of Feb. 5 for $2,550.00 contains an item of $750.00 for paper which, unless I am greatly mistaken, is a preposterous charge and should be stricken off the bill. Andrew's contract, as I understood it, was to make the photogravures at from $15.00 to $25.00 each, according to the amount of work, and to furnish the prints at $15.00 a thousand.

Very truly yours,

C. Hart Merriam

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., February 20, 1901.

Berthold Meisel,
164 High Street,
Boston, Mass.

Dear Sir:

Your bill for the 13 Coe plates, amounting to $567.90, is received and is herewith returned for revision. The bill should be made out in the name of Mr. E. H. Harriman, not in my name. If you will send me a new bill made out in accordance with the corrections indicated on the inclosed bill, I will forward it to Mr. Harriman for payment at the end of the present month.

Respectfully,

E. Hart Harriman.

Washington, D. C., February 20, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Your letter of the 18th came yesterday along with the samples of printing on special paper sent you by Doubleday, Page & Co. They evidently neglected to say what was wanted, which was carefully printed text figures printed on both sides of the paper to see how the paper will answer for the book. They will probably send you additional samples for this purpose. What we want to know is, how the text figures will come out printed with great care and with the best ink. Flat proofs will be of no value whatever. We are making a test of the paper to see whether or not it will answer for the book.

Very truly yours,

E. Hart Harriman.

Washington, D. C., February 20, 1901.

Dear Mr. Lanier:

Your letter of the 16th instant respecting the present status of the Alaska book crossed mine to you on the same subject, so that further reply is unnecessary.

I wrote you yesterday in reply to your letter of the 18th, except with respect to the three last photogravures. Inasmuch as you have felt it necessary to return yours to Andrew, I am sending you herewith my duplicate set, in order that you may have at least one copy of everything in the series.

With respect to the paper, I suppose you will send an additional dummy to the New Era people, in order to have the text figures printed as originally planned. We want them printed on both sides of the paper, as there is a slight difference in the finish of the two sides, and we want careful work, not flat proofs.

I received a day or two ago a smashed pasteboard roll on which were wound three sheets of Grignard's lithographs. One of these sheets contained six pictures of Mount Iliamna; another six heads of Cormorants, and the third two prints each of four of the flower pictures. If I give one print of each flower picture to Coville and Walpole, I will have none left for myself. In sending me additional plates please see that they are cut and sent flat, so that they will not be ruined in transit.

In the package with the photogravures I am sending you herewith five original drawings (four by Spader and one by Hudson) to illustrate Dall's poem on the Innuit people.

Feb. 22, 1901.

Dear Mr. Harris:

The news from Hein is dreadful.
The boys will give us ample time to print the text and put everything ready for binding. But I hope it will not really be true before we can have lithographs.

With respect to the Gutenberg print (+ with) Heinrich returned I will write you on Nov. 21 as follows:
"It would be a good idea to get Gutenberg's caption for the picture, as I have forgotten the exact text".

Yours
Curt Wilson —

Mr H.C. Harris

Utica
Feb. 22, 1904

Dear Spader:

It seems to be impossible for me to entirely finish Kipsaraga, & I find that per emptor during, the photos for mtr is terminated. Unfortunately the top is hidden in fog, but we can't do any better. I shall be greatly obliged if you can find time to make me a drawing of it, similar in general character to that of the others.

Yours truly

E. Mott Hume

W. E. Spader
Brooklyn, N.Y.

Original Defective

Washington, D. C., February 23, 1901.

Dear Professor Emerson:

Thanks for your letter of the 19th instant, in which you make various remarks about Palache and the men who are working up the fossils, but say very little as to the date when your own report will be ready. These other fellows I am pushing independently. What I wanted to know was, when you would be ready.

I will look into the matter of the photographs you mention and see what can be done. As we do not expect to use any full tones in any of the volumes, the reproduction of these photographs will be an expensive matter.

Very truly yours,

C. Hart Merriam

Prof. B. K. Emerson,
Amherst, Mass.

Washington, D. C., February 23, 1901.

Prof. F. H. Knowlton,
U. S. National Museum.

Dear Knowlton:

Palache has just written me in respect to the fossils. He says that I am entirely mistaken about the locality for the plants, and says that all of the plants, so far as he remembers, were collected near Kukak Bay on the Alaska Peninsula north of Kadiak Island. They were collected by De Alton Saunders and Trevor Kincaid.

The collection made by Palache at Stepovak Bay contains, he says, nothing but marine fossils, all of which Gilbert thinks have gone to Stanton.

Palache suggests that possibly you may have received, in addition to the tertiary plants, some boxes containing blue slates with dubious plant and animal remains collected on Kadiak Island. These, he says, are entirely distinct and easily distinguished from the others. If you are in the slightest doubt about this, either Dall or Gilbert can straighten the matter out.

With best wishes,

Yours very truly,

C. Hart Merriam

Washington, D. C., February 23, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

In accordance with our conversation of the other day, I am sending you by mail herewith five charts of Bogoslof islands and one profile for line reproduction as text figures. Three of the charts are marked for reduction as a whole; the remaining two, being difficult to handle in this way, I have marked to be reduced so that the long axis of old Bogoslof will in each case measure 3/4 of an inch. The profile is to be reduced to 1-4 inches in length. I shall be greatly obliged if you will have this work done as soon as possible, as I am anxious to use the cuts. Please send me four proofs of each with the blocks. Make out bill to E. H. Harriman and send to me. Omit all numerals on the charts, and letter Old Bogoslof, New Bogoslof, and Ship Rock. Omit all other lettering. The profile requires no lettering.

Very truly yours,

E. Hart Harriman.

Washington, D. C., February 23, 1901.

Prof. C. C. Nutting,

Iowa City, Iowa.

Dear Professor Nutting:

Thanks for your promptness in returning the original plates and engravings of your Alaska Hydroids. I am glad you are pleased with the reproductions. They strike me as very satisfactory. I will have the name of the artist printed below as you request. Authors receive 30 separates free of charge, and as many more as they wish to pay for at the low rates arranged for with our printers. This matter of separates involves an awkward difficulty inasmuch as the plates must be printed in multiples of eight, in order to obtain the most favorable terms from the lithographers. In doing this, we have to combine plates belonging to different articles. We find also that authors order anywhere from 50 to 200 separates each, so that in order to accommodate the 200 men we must print 200 extra of all of the others, or else we must decline to furnish the 200 men with more than 100, and in case an author wishes less than 100 we have the balance left on our hands.

Very truly yours,

E. Hart Harriman

Washington, D. C., February 27, 1901.

Dear Stanley-Brown:

It is probably very stupid of me, but I really am a little puzzled by your letter of yesterday with respect to the map desired by Mr. Harriman. You say he objects to it very strongly without stating what this it is. I suppose, however, that you mean that he does not approve of either of the maps you took to New York last Sunday night, but that he wishes a much larger scale map, one which probably would have to be folded in order to show the details desired. I am puzzled by your statement that 'he would be willing that the scale should be a trifle smaller if it is necessary to get in the two maps.' I should think a very much larger scale map would be necessary in order to show the details asked for --- such as the two routes taken across the continent and the side trips to Shoshone Falls, Boise City, Lewiston, Idaho, etc.

I shall be glad, of course, to talk the matter over tomorrow night if there is opportunity, but it will not be possible for me to bring on a simple map. Probably I can get a much better idea as to what is wanted if I can see you next Sunday.

Very truly yours,

C. Hart Merriam

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., February 27, 1901.

My dear Knowlton:

In reply to your letter of the 23d just received, I would state that I quite agree with you as to the necessity of illustrating fully the new fossil plants collected on Alaska Peninsula by the Harriman Alaska Expedition; but in view of the fact that the specimens were donated by Mr. Harriman to the Museum it is a rather delicate matter to ask him to pay for the drawings. It seems to me that possibly they might be reproduced by photography. If not, we shall, of course, have to arrange some way by which drawings may be made. If you could let me have a good specimen, I might see what could be done in the way of photographic reproduction.

I am just off for New York, but shall be back in a day or two.

Very truly yours,

C. Hart Merriam

Prof. F. H. Knowlton,
U. S. National Museum.

Washington, D. C., February 27, 1901.

Dear Professor Verrill:

Thanks for your letter of the 19th instant. The photographs of Stimpson's types have not yet been finished, but I hope to secure them in a few days, and will send them to you at once.

Can you not send me within a day or two the photographs which you wish to use in your article in the Washington Academy's Proceedings? I have a batch of plates in hand which I am on the point of sending to Boston for reproduction by heliotype process, and should like to add yours to the number. So please let me have the photographs with the figures arranged as you wish them in the plates, and marked for necessary reduction to the typebed of our plate, which is 4 1-4 by 7 1-4 inches, subject to slight variation in either direction.

Should your son secure good photographs of Bermuda birds it is probable that we should be glad to purchase a set.

Very truly yours,

C. Hart Merriam

Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., March 6, 1901.

Dear Mr. Lanier:

Your letter of the 27th reached me several days ago, but I have not been able to attend to it until today. The bills you inclosed from Grignard and Andrew are returned herewith. The latter appears to be correct. Grignard's price amazes me, being more than double the usual price for this kind of work. Making all allowances for printing them singly, do you not still think the price excessive?

I have just received from you the proofs of the last batch of line drawings, for which thanks.

I have also just received from the New Era people sample printings of the first signature of Burroughs' article on the paper you sent them for that purpose, but this paper is quite a different proposition from either of the samples we have had under consideration. It is very much thinner than the 30x40=96, which, as you will remember, was the thickest paper in the previous batch, and is even thinner than the 30x40=80, which you sent me at first and on which my report was based. The finish of the paper also is quite different. Is it not fritting away time without getting anywhere to be dabbling with so many different things, instead of the thing we had, as I supposed, agreed upon?

Stanley-Brown was here Sunday and told me that Mr. Harriman is not altogether satisfied with the pennant on the titlepage of the Alaska book, and suggested that Dellenbaugh had a drawing of a

H. W. Lanier --- 2.

pennant which might be preferable. Dellenbaugh has by request furnished the inclosed samples of pennants, none of which, in my humble judgment, are anything like so good as the one already on the titlepage. However, it might be well, in view of the suggestion, to have Spader or some other handy man make a sample pennant based on the general form of the one submitted by Dellenbaugh, but narrower. The lettering also must be much smaller, and it seems to me that the stars should be omitted. The sample marked 'A', with the modifications mentioned might possibly answer. I suppose it will not do to have any blue on the titlepage, in view of the red at top and bottom. I would, therefore, suggest that the pennant be worked in red, not solid, and that when we have the drawing a copy be sent to Mr. Harriman, to be laid over the pennant now on the titlepage, so that he can take his choice.

The cuts on these 16 pages have come out nicely, with the single exception of the one on page 5. It will not do at all, as it is much too black. Probably this can be remedied. The printers complain that they had not anywhere near paper enough to work up a good job on.

Very truly yours,

C. Hart Merriam

H. W. Lanier.
Doubleday, Page & Co.,
New York.

Washington, D. C., March 5, 1901.

Dear Spader:

Thanks for your last drawing, which came just in time. The package inclosed with it I handed to Mr. Gilbert as requested. The only trouble with the Bogoslof drawing is that your fog looks so much like fire that I fear the impression will be given that flames are issuing from the summit of the mountain.

Very truly yours.

C. Hart Merriam

W. E. Spader,
190 13th Street,
Brooklyn, N. Y.

Washington, D. C., March 5, 1901.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

Inasmuch as you are having a few line cuts made for me, I am sending you herewith copy for two additional ones, and shall be glad if you will have the blocks sent me at the earliest possible moment, along with those for the charts I sent you some days ago, and which I hope are now ready. Please rush this matter.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 5, 1901.

Dear Stanley-Brown:

Herewith I am handing you such bills as have come to me for the month of February, as follows:

B. Meisel (for 13 lithographic plates of Nomerteans illustrating Coe's article)	$567.90
Charles B. Hudson (for drawing illustrating Dall's Innuit people)	18.00
Harry B. Hanger (for shorthand and typewriting work)	18.30
C. Hart Merriam (for expenses of Editor's office for February)	4.86
	$609.06

Very truly yours,

C. Hart Merriam

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., March 5, 1901.

E. H. HARRIMAN

to C. HART MERRIAM, Dr.,

To expenses of Editor's office for month of February, 1901.

Express on plates to C. C. Nutting	$ .60
Postage	4.26
	$4.86

Received payment.

C. Hart Merriam

March 7, 1901.

Prof. A. E. Verrill
New Haven, Conn.

Dear Professor Verrill:

Your plates have not yet arrived, but I trust will come at once as we have been holding back other plates for some time waiting for these. In addition to those we wish to use for the particular article in question, I shall be glad to receive others that will be needed later on, so that they may be used in making up sets in multiples of eight for helictyping.

Mr. Bathbun has picked out all of the Stimpson types for photographing, and agrees to let me have the prints very soon. The trouble is that the Museum photographer is swamped with work for the Secretary, and these will have to fall into the background.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 9, 1901.

Dear Mr. Lanier:

This is only a hasty line to acknowledge the receipt of some additional negatives and positives from the photogravure people, including Gilbert's lost negatives of Hubbard Glacier, and Devereux's and my negatives of the Eskimo alongside our ship in Plover Bay.

Very truly yours,

E. Hart Harriman

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., March 9, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Today I received from you Harriman book proof up to page 96, and suppose the remainder will be along directly. In compliance with your request, I will return the original proof of the cast plates. Many pages of this are missing. They did not come back to me with the revise which has just arrived. Probably these are pages on which no corrections were made, but I should have been glad to have the whole thing complete before me in going over the job.

Unfortunately several of the text cuts are still crooked on the pages, and will have to be changed. For instance, the water line in the cut at top of page 93 slants down strongly to the right. I called attention to this on the proof and asked to have it straightened. We cannot afford in a book of this kind to run in cuts which are out of alignment or out of plumb, and they must be changed if it takes all summer. There are several other minor points which I will try to write you about on Monday; but I would like to ask in this connection when you expect to get the remainder of the book into type. I cannot send you the Muir article for corrections until I have a complete set of proofs of the Burroughs article, as I have written you before, for the reason that I wish

A. H. H. --- 2.

to utilize all the glacier cuts and at the same time do not wish to repeat in Muir any already used in Burroughs, and in the absence of a complete set of proofs I could not always remember whether or not a particular cut has been used before.

You have had copy of the Farnow article on forestry for several months, and I have in my hands the copy for the remainder of the book, which a rough estimate indicates will make a volume of say 350 pages. The publishers and Mr. Harriman wanted and expected to get the book out for the Christmas trade. Failing in this they have counted and are counting on getting it out in time for the spring trade, which means, of course, that the book shall be printed, bound, and out on the market not later than sometime in April. I should like to know, therefore, at what date you can reasonably agree to have the remainder of the volume in type, on the assumption that I keep you supplied with copy and that there be no unusual delay at my end of the line. Inasmuch as it will be necessary for me to read three proofs of everything, it is obvious that no time is to be lost, and I trust you will be able to push the matter with vigor. During the past ten days I have had three letters from the publishers inquiring if the Burroughs corrections were all cleared up and if you had taken up the advanced matter. To these letters I have not yet replied. Mr. Harriman also saw me last week and inquired particularly as to the source of delay and how long before he could count on seeing the volume.

Respectfully,
C. Hart Merriam

Washington, D. C., March 9, 1901.

Prof. A. E. Verrill,
New Haven, Conn.

Dear Professor Verrill:

The expressman delivered to me today your first batch of 15 plates, for which I am greatly obliged. As the numbers on these plates are not consecutive, probably I had better wait until the next ones come in before sending these off for reproduction, though I am very anxious to get them into the hands of the Heliotype people as soon as possible. The photographs you have sent are certainly of unusual excellence, and I am sure they will make a remarkably handsome set of plates when reduced by heliotype process.

Rathbun promises the plates of Stimpsons types for Monday, and I will send them to you as soon as received.

One point is not clear to me, though possibly you may have explained it in one of your earlier letters. It is this: Are all the plates you are now sending intended for your article in the Proceedings of the Washington Academy, or are some of them to be held until the publication of the Harriman volume, in which all are to appear? It is necessary for me to know this before having the plates reproduced, as they are grouped by the size of the edition, and the plates which are published first in the Washington Academy are printed in an edition more than double the size of that for the Harriman book alone.

Very truly yours,
C. Hart Merriam

Washington, D. C., March 9, 1901.

My dear Palache:

Many thanks for your letter about the fossil localities, which came promptly, and was just what we needed. I am glad to know that you have been pushing work on your report of late and trust you will be able to send me the manuscript in a very short time.

Very truly yours,

C. Hart Merriam

Charles Palache,
Mineralogical Laboratory,
Harvard University,
Cambridge, Mass.

Washington, D. C., March 9, 1901.

Prof. William Trelease,
Missouri Botanical Garden,
St. Louis, Mo.

Dear Dr. Trelease:

Many thanks for your letter of the 5th instant, transmitting Saunders' first paper on the Harriman Expedition Algae, which has arrived safely, with a fine lot of plates, which I shall send off at once to be reproduced by photo-lithography. I will look out for the geographic names and other details you mention. The only thing I seem to be indoubt about at the outset is the relation of this paper to the one which is to follow. Is not the other one sufficiently near completion to enable us to run the two together, so as to form one continuous report on the Algae? This, according to its title, is complete excepting for the Rhodophyceae. If this latter group is likewise being worked by Saunders, it would seem as if the printing of the titles in this form would be unfortunate. It would seem also as if the general discussion of distribution should precede the technical part of the report. How does this strike you, and have you any definite idea as to when the remaining part of the report is likely to come in?

Galley proof will be sent as a matter of course.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 11, 1901.

A. E. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

While several cuts are slightly out of alignment, I think after examining them critically that it will be necessary to change only two: namely, the one at the top of page 73 and the one at top of page 91.

Page 49 looks badly because the light dark picture is at the top and the open light one at the bottom. I wish you would reset this page, transposing the cuts.

On page 31 a new block of Lynn Canal was called for, but in the proof sent me the other day the old one remains in place. The new one differs from the old one in having the black on the left solid, instead of speckled with white. Mrs. Harriman objects strongly to the white speckles, and the new cut was made at her special request. The new block was sent you sometime ago.

Page 96 is the last I have received of the revised Burroughs proof, excepting the plate proofs of pages 111 to 115.

In a few cases very slight changes in punctuation, such as the putting out of a comma, will have to be made and can be made, of course, without difficulty. Proofs of these pages I am sending herewith.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 11, 1901.

Dear Mr. Lanier:

Your letter of the 9th instant is at hand, together with the ten lettered proofs of lithographs from the Heliotype people. I have O. K.'d the lettering on all of these and am returning the same to you herewith, as requested. In certain cases, particularly the chickadees, I assume that the proofs were final only so far as the lettering is concerned, as some of the prints differ materially from those accepted sometime ago. Notice, for instance, the blue leaves of the pine sprig and the under tail coverts of the right-hand chickadee.

As to the Burroughs corrections: I have now received corrected proofs of the whole thing excepting pages 97 to 110, and expect these tomorrow. I will now push the Muir proof as rapidly as possible.

As to the Grignard bill: is there any good reason why I should be forced to approve bills which I believe to be exorbitant? I detest the whole financial side of this book matter and never desired or expected to have anything to do with it, as you know. In several instances it looks to me as if an attempt had been made to make Mr. Harriman pay prices considerably in excess of the usual rates for first-class work. It seems to me further that your contracts with the men supplying the various plates should be sufficiently explicit to avoid the possibility of overcharge or the introduction of unusual items. I have never seen any of these

Original Defective

H. W. Lanier --- 2.

contracts and know nothing about them, but it seems to me that the end of a job, when the goods are delivered, is a poor time to be obliged to quibble over prices. Is not this beginning at the wrong end?

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., March 14, 1901

Dear Mr. Lanier:

Thanks for yours of the 12th instant, inclosing contract with Grignard. So long as his bill agrees with the contract, it must, of course, be paid. Is there any good reason, however, why he should charge $317 for 5,000 copies of one bird plate in eight colors, when other lithographers for equally good work charge only $150 for the same edition in ten and twelve colors? Grignard's proposal is returned herewith.

The present status of the text of the Harriman book is this: I have received corrected proof of all of the Burroughs matter and have furnished the printers corrections and new cuts for all of the Muir article. The Grinnell article with corrections is ready and will be sent them immediately on receipt of corrected proof of Muir. I have not received any advance proof.

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Is what has become of my 11 copies of the various bitty of the art photogravures?

Washington, D. C., March 14, 1901.

C. C. Tegethoff,
120 Broadway,
New York.

Dear Sir:

By mistake, Meisel has sent me the inclosed receipted bill, instead of sending it to you direct

Very truly yours,

C. Hart Merriam

Original Defective

Washington, D. C., March 14, 1901

Dear Mr. Lanier:

Thanks for yours of the 12th instant, inclosing contract with Grignard. So long as his bill agrees with the contract, it must, of course, be paid. Is there any good reason, however, why he should charge $317 for 5,000 copies of one bird plate in eight colors, when other lithographers for equally good work charge only $150 for the same edition in ten and twelve colors? Grignard's proposal is returned herewith.

The present status of the text of the Harriman book is this: I have received corrected proof of all of the Burroughs matter and have furnished the printers corrections and new cuts for all of the Muir article. The Grinnell article with corrections is ready and will be sent them immediately on receipt of corrected proof of Muir. I have not received any advance proof.

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

P.S. What has become of my "copies of the various lithographic and photogravure"?

Washington, D. C., March 14, 1901.

C. C. Tegethoff.
120 Broadway,
New York.

Dear Sir:

By mistake, Meisel has sent me the inclosed receipted bill, instead of sending it to you direct

Very truly yours,

C. Hart Merriam

Retake of Preceding Frame

Washington, D. C., March 14, 1901.

Dear Professor Verrill:

Your additional plates have not yet put in an appearance, although I have been holding the others as patiently as possible until the new might be received, so that I could make up a proper batch for heliotyping. As I think I wrote you before, these must go in lots of eight. I have two other plates which can go with them, so that I should like to send these two with thirty of yours, making thirty-two in all. Can you not let me have the remaining thirteen at once?

Rathbun has not yet sent me the photographs of Stimpson's types, although they were promised for yesterday or the day before.

Very truly yours,

C. Hart Merriam

Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., March 14, 1901.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

The proofs of the Alaska maps which you left with me a few days ago I returned to you yesterday, marked for correction. Most of the corrections desired, as you will observe, relate to an extension of the shading as in the originals, in order to show that the mountains go on up to peaks and are not flat-topped. In putting on the lettering in one case your man followed an original lettering, which had been stricken out, so that Washington is printed on a glacier where the name should be Barry.

I am exceedingly obliged for the Bogoslof prints you sent me a few days ago, and am hoping to receive final proofs of the blocks at once.

What has become of Fernow's forestry map of Alaska, which I sent you a long time ago? I have not seen proof of it.

Very truly yours,

C. Hart Merriam

Washington, D. C. March 14, 1901.

A. E. Hershey,

New Era Printing Co.

Lancaster, Pa.

Dear Sir:

Thanks for your bound copy of Vol. 2. I returned to you the copy with damaged binding yesterday.

A couple of days ago I sent you the whole of the Muir article with corrections in one batch, and am hoping to receive revise of the same without delay. The Grinnell article is all ready and will be sent you immediately on receipt of the Muir. Of course it would not be worth while to go on with the Grinnell article until the pagination of Muir is settled, as the present pagination of Grinnell must to wrong. There will be no resetting to amount to anything in the Grinnell article. I sent you a few days ago a few odd pages of the Burroughs article for trifling corrections. I inclose herewith another in which I regret to find that the word alders was used, instead of willows for some bushes at Port Clarence. As alders do not grow in this part of the world, it will be necessary to change it to willows, as indicated. It is on the top line of page 107.

I am beginning to get frightened lest you will not be able to get the remainder of the book in type in time for its publication next month.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 14, 1901.

Dear Dr. Trelease:

Your letter of the 11th instant evidently crossed mine of the 9th.

We are printing a one-page index at the end of Coe's Nemertean paper, and I see no reason why we should not print one for Saunders if he likes. It seems to me a good idea, where the index is not made too bulky.

I am hoping to have an answer from you shortly with respect to the matters mentioned in my last.

Very truly yours,

C. Hart Merriam

Prof. William Trelease,

Missouri Botanical Garden,

St. Louis, Mo.

Washington, D. C., March 15, 1901.

Dear Professor Verrill:

Many thanks for the batch of 17 photographs, which reached me yesterday, making 32 in all received from you. It makes a considerably larger number of plates than I supposed you would have for the star fishes, but I think we can handle them without much difficulty. Mr. Cockayne may write you for some of the negatives, as he says he can get vastly better results when he has the original negatives to work from.

I telephoned Ratchun this morning to find out what the trouble is with the photographs of Stimpson's types. He replied that they were made and he supposed they had been sent me several days ago. He will look them up and send them immediately, and I will, of course, forward them to you as soon as received.

There will be no trouble about the two plates which overlap the typehed a little.

Very truly yours,

C. H. Townsend

Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., March 16, 1901.

E. C. Cockayne,
Heliotype Printing Co.,
211 Tremont Street, Boston, Mass.

My dear Sir:

Herewith I am sending you by express 32 photographic plates, to be reproduced by heliotype process, and 23 plates to be reproduced by photo-lithography --- all to be printed in the Proceedings of the Washington Academy of Sciences and to appear later in the technical volumes of the Harriman Expedition book.

As I understand it, the photo-lithographic plates are to cost not to exceed $9.00 per 1,000, the paper and lettering included; the heliotype plates, $13.00 per 1,000 prints, paper and lettering included, proofs to be submitted as early as practicable and the edition delivered within six weeks of date of receipt of originals by you.

I understood that plates were to be sent in multiples of eight. This I have done in the case of the heliotype plates, but in the case of the photo-lithographs I lack one plate of 24. If this will make a difference in the price you may hold up 7 of these plates until I am able to send you the additional one necessary.

Very truly yours,

C. H. Townsend

Washington, D. C., March 16, 1901.

A. H. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

Revise proof of Muir came this morning, which I am mighty glad to see. I sent you immediately on its receipt page proof of Grinnell's Indians, and will follow this by his Eskimo this evening. Tomorrow I shall undoubtedly send you proof of Dall. I shall be glad to see proofs of the outstanding plates of Muir as soon as possible, and am hoping to receive proof of Fernow's article at once.

What is the hitch with Coe's Nemerteans? We have been looking for it daily for sometime.

Very truly yours,

C. Hart Merriam

Washington, D. C., March 16, 1901.

Dear Stanley-Brown:

The batch of bills from Doubleday, Page & Co., dated March 9th, and received yesterday, have been approved and are returned herewith. Grignard's prices are high, but Lanier sent me the contract and I find it agrees with the bill, so there is nothing farther to say.

Very truly yours,

C. Hart Merriam

J. Stanley-Brown,

120 Broadway,

New York.

March 17, 1864

Satchel + Manning:

By same mail I am sending you two lithic drawings for reproduction. The reduction is marked on the originals, which please keep clean.

Please send me proofs early as possible + clean up before you send.

Resp.
C. Hart Merriam.

March 18, 1901.

A. H. Keasbey
Newark, Sentinel St.

Dear Sir:

Yesterday I hand you copy for the article on Topography for the Alaska book. It follows Dawson Territory, proof of which I have not yet read. But am keeping for it every mail.

During the past 3 days I have returned to you everything in the way of proofs in my possession, as you may have the whole thing in your hands. These proofs are as follows:

Introduction
Rivers
Drainage
Lakes
Glaciers

I have not read, attempting corrections per copy.
Hoping you can finish this matter
Yours
C. Hart Merriam.

March 19, 1901.

My dear Dellenbaugh:

Your letter of the 8th inst. reached me promptly and in accordance with your request I asked Doctor Fisher to get out the negatives from which you wished slides. He did this and has had the slides made, and they are sent to you by express today, along with the bill for the same. Unfortunately two of those you wanted are broken. With best wishes,

Very truly yours,

C. Hart Merriam

Mr. F. S. Dellenbaugh
16 West 61st St.
New York City.

Washington, D. C., March 21, 1901.

A. H. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

Yesterday I returned to you all of the proof received; namely, page proofs of Grinnell, Dall, and Keeler. This morning I received and returned to you correction for page 76. Several days ago I sent you the chapter on geography for the Alaska book, but have not received any acknowledgement or proof of the same, nor have I received proof of Fernow. This terrible delay in getting new matter into type is going to play hob with us before we get through with the book, as it is even now the eleventh hour and some of the proof must be sent to authors at a distance to be read.

What has become of Coe's paper on Nemerteans, and why do you not send it out?

Respectfully,

C. Hart Merriam

Washington, D. C., March 21, 1901.

Dear Mr. Lanier:

Yesterday I sent you by express a large batch of drawings for Gilbert's article on glaciers for reproduction. Besides the express package one outline map was sent by mail in a roll. There are 78 drawings in all, of which 18 are for full page cuts; the others for smaller blocks. All are marked for reduction, Mr. Gilbert tells me, and all are for reproduction by photo-engraving, and should, I suppose, be done by Wright. Please return with proofs as usual.

During the past few days I have received from you four sets of proofs of the Andrew photogravures and of the Grignard and Taber-Prang lithographs. The photogravures were wretchedly packed and were considerably damaged in consequence. They had a single piece of pasteboard at one end of the package, nothing at all at the other end, or on any of the sides, except a single thickness of Manila paper and a piece of string. The result was that they were delivered to me torn open with the corners sticking out in every direction, as natural under the circumstances.

The status of the book text is as follows: I have received corrected plate proofs of everything in type; namely, Burroughs, Muir, Grinnell, Dall, and Keeler, bringing the matter down to page 232, but I have <u>not</u> received a single line of advance proof, though advance has been promised for sometime. The printers have the forestry and geography articles in hand and I will send the remainder as soon as this is put in type.

(H. W. Lanier -- 2)

I was greatly disappointed to find that Andrew has printed the photogravures on this wretched soft thick paper. I am afraid it will make a very awkward book, particularly since the number of plates is so great that they must run on alternate pages with the text, in order to get them all in.

By the way, what has become of the new batch of paper which was being made for the dummy? It would be a sad state of affairs if at the end we have to wait for the paper.

Very truly yours,

C. Hart Merriam.

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., March 21, 1901.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

Your letter of the 20th instant arrived this morning, along with a number of proofs of the Bogoslof zinc engravings, for which I am obliged.

Your draftsman, I find, took severe liberties with the scales on two or more of these charts. One of these I corrected a few days ago; another one I return herewith for correction. The scale calls for 2 nautical miles, instead of 1-2 mile, as printed. I was afraid of this, but had no means of comparing it with the original until today.

Proof of Fernow's forestry map has not yet been received.

Corrected and lettered proofs of the photo-lithographs you are making for us have not come to hand.

By this mail I am sending you to be engraved on stone a map of the United States to be reduced to a single octavo page. It is intended to show the route of the Expedition across the continent, both going and coming, and should be reduced to 6 1-2 inches in length. The cities underlined in red should be given on the map.

Very truly yours,

C. Hart Merriam.

Washington, D. C., March 21, 1901.

Dear Spader:

Many thanks for your promptness in making and returning the last Bogoslof drawings. They are very fine. In getting the remaining text into shape I find we still lack three initial letters -- two T's and an F. Will you kindly make these for us at your earliest convenience? One T is for an article on the purity of the Alaska atmosphere by Professor Brewer; another T is for Grinnell's article on the salmon fisheries; the F is for the fox farm article. With these hints supplementing the fertility of your imagination I have no doubt that you will be able to turn out the proper thing in short order.

With best wishes,

Very truly yours,

C. Hart Merriam

W. E. Spader,
190 12th Street,
Brooklyn, N. Y.

Washington, D. C., March 21, 1901.

Dear Professor Trelease:

Yours of the 19th instant is at hand. I am delighted to know that Saunders will have his entire report ready in April and that he will write his general discussion to go at the beginning of the article, where it belongs. This is exactly what we want, and I will hold the part I now have until the rest is received. Meanwhile I am having the plates reproduced.

I was very much pleased to learn from your letter of the 13th instant that the fungus papers are in your hands and that we can expect them shortly, along with the papers and plates on mosses. We are certainly getting together a fine lot of material, but it is obvious that it will not be possible to get out any volume except the first before I go west for the summer. The first volume we hope to issue about the end of April.

Very truly yours,

C. Hart Merriam

Prof. William Trelease,
Missouri Botanical Garden,
St. Louis, Mo.

Washington, D. C., March 21, 1901.

Dear Professor Verrill:

This morning Rathbun sent me 33 mounted photographs of Stimpson's types of Echinoderms. Thirty-two of these are star fishes; one is a sea urchin. I am sending them to you herewith by express.

Some of the species undoubtedly should be illustrated, but these mounted prints, of course, should be kept by you as a study series. If you will indicate the ones you would like to use in plates I will try to get Mr. Rathbun to supply me with unmounted prints, which I will send you.

If you have line drawings enough on hand to make up one plate, I shall be obliged if you will send it to me at once, as I am just one plate short in making up a batch for reproduction by photo-lithography.

Very truly yours,

C. Hart Merriam -

Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., March 21, 1901.

Dear Mr. Rathbun:

Very many thanks for the photographs of Stimpson's types of north Pacific Echinoderms, which arrived this morning and which I have just sent to Professor Verrill. There are more of them than I supposed, and labeling of them has been, I can see, quite an undertaking. I dislike exceedingly to ask any additional favors in this direction, but inasmuch as these prints are mounted it will be difficult to make them up into plates, and I strongly suspect that Professor Verrill will want a batch of unmounted prints to arrange on plates for reproduction. If you could loan me the negatives, I could have the prints made without putting you to further trouble in the matter.

Thanking you for having this work done for us, I am,

Very truly yours,

C. Hart Merriam -

Mr. Richard Rathbun,
Assistant Secretary,
Smithsonian Institution.

Washington, D. C., March 21, 1901.

Dear Stanley-Brown:

Pardon my delay in writing about the Fuertes matter. The reason is that I have not had a stenographer this week until today.

A day or two ago I saw Fuertes and asked him if he was making any pictures for Mr. Harriman. He replied that he was making a painting of a male and female eider at Plover Bay, Siberia, which he wished to show me for suggestions. He has since shown me the painting, which I think is going to be something really fine. He mentioned that, as he had no male eider in the plumage desired, he was unable to finish the picture until he came here.

With respect to the pass: I told him that I understood from you that Mr. Harriman intends furnishing him transportation, but that it was necessary to know more definitely just where he wanted to go. I find that he wishes to make only one stop on his way to join my field party. This stop will be at San Antonio, Texas. He would like to leave New York on or about April 12 and proceed direct to San Antonio, where he will work a short time before going farther west. It would be convenient, therefore, if he could have two passes -- one to San Antonio and return; the other from San Antonio to El Paso and return. The latter should be good for stopovers along the way, as we cannot tell so long in advance exactly where and when he can connect with our men. Fuertes is greatly delighted at the prospect of getting this transportation,

(J. Stanley-Brown -- 2)

which enables him to make a much needed trip which otherwise he could not take at this time.

In this connection, you and Mr. Harriman doubtless appreciate the fact that Fuertes has already furnished for the Alaska book more than $1,000 worth of paintings, all of which he has made expressly for the book and without making any charge whatever, although he has been crowded with pay work all along which he has had to set aside in order to do this work for us.

Very truly yours,

E. Hart Merriam -

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., March 21, 1901.

W. W. Greene,

Department of Labor,

Washington, D. C.

My dear Mr. Greene:

Replying to your letter of the 20th instant, would state that at present I am very satisfactorily off so far as stenographic assistance goes. Should I find myself in a hole at any time, I will be glad to let you know.

Very truly yours,

C. Wright Mitchell

Washington, D. C., March 23, 1901.

Dear Professor Verrill:

This morning I received from Rathbun a batch of unmounted prints of the Stimpson types and sent the same to you immediately, and trust they will enable you to make up into plates such as you deem important to publish in this connection.

Your letter of the 20th instant has just arrived, and I am glad to know that you have made up a plate of line and stipple drawings which you will send me to complete a batch now in waiting.

I am glad your son is having such success in Bermuda, but confess to a little feeling of regret when you state that you are likely to go there to join him in April. I fear this means that you will become so absorbed in Bermuda material that you will not be able to finish the Alaska Echinoderms for a very long time. However, I trust nothing will prevent you from sending us the star fish paper before you go. You ought to have proofs of this, but I don't see exactly how we can wait for them to go to Bermuda and back. Possibly you are not going to stay there very long, in which case we might hold the paper until you return. How is this?

Very truly yours,

C. Hart Merriam

Prof. Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., March 23, 1901.

Dear Dallenbaugh:

Gilbert has just called my attention to a paragraph in your recent letter to him, in which you mention photographs of forests in the country between Port Clarence and Kotzebue Sound. The pines referred to are doubtless spruce. It would be important if you could locate the localities definitely, so that we can tell just where they are. It has been long known that timber came down near the coast at Kotzebue Sound. Any information bearing on the distance directly east from Port Clarence at which timber appears would be important. Particularly, if it could be obtained within the next few days, while Fernow's paper on the distribution of forests in Alaska is passing through the press.

Very truly yours,

C. Hart Merriam

Fred S. Dallenbaugh,
16 West 61st Street,
New York.

Original Defective

Washington, D. C., March 23, 1901.

Dear Professor Verrill:

This morning I received from Rathbun a batch of unmounted prints of the Stimpson types and sent the same to you immediately, and trust they will enable you to make up into plates such as you deem important to publish in this connection.

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New Haven, Conn.

Washington, D. C., March 23, 1901.

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Very truly yours,

C. Hart Merriam

Fred S. Dallenbaugh,
16 West 61st Street,
New York.

Ps. If your friend could go Port Clarence to Kotzebue Sound, and strike to the very mouth of the Noatak river, he would pretty likely strike timber.

Retake of Preceding Frame

Washington, D. C., March 23, 1901.

Dear Mr. Lanier:

I am glad to learn from your letter of the 22d instant that the new batch of paper is finished and that we may soon see sample pages carefully printed on it.

Coville has been stirring me up lately about the original painting of the orchid picture, which was returned with the first proof for corrections, but which never came back. Can you look this up?

Yours very truly,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington
March 24, 1901

Dear Herman:

Your proof came this morning special delivery and I am sending you the copies at once. Please retain one & return the other to me without delay as the printers have been very late in putting it in type & we hope to get the book out next month.

Mr. Smith has copies of your map. I'd have the colors changed so as to make it exactly correct and then have it photographed. Would it not be a good idea to carry the colors on into Canada, as little of Canada is shown on the map! I think so.

Our kindest regards to you all.

As ever yours
C. Hart Merriam.

H. B. Herman
Ithaca, N.Y.

March 24, 1901.

A. Hoen & Co.
Baltimore, Md.

Dear Sirs:

I thank you for the batch of proofs sent last night by special delivery. Will write you about the poultry map in a day or so.

In the photolith plate no. XXVII the author (in the first proof) corrected to read d.t.t. d.l. This you engraver has changed; making it l.t. Please correct to d.l. as intended.

In lettering the Hybrid plates you overlooked or left my memorandum asking you to put under the left corner of each: { Edgerton D. Bowen del. / Capt. C.C.N.

You have put it on 2 - 3, when I marked it on first proof, let it get up in error. Please put it on all the Hybrid plates (pls. XV - XXVI incl.), and in much smaller type. Type the same as you will use to name mill dam, and grey instead of black. The title of each plate (Alaska Hybrid, Chester (Penna.) should be in same type as text as Proc. Wash. Acad. Sci. at top. Restore [illegible] without comment.

Original Defective

March 25, 1901.

Dear Ivy Lainé:

Here are 3 more initial letters, just in from Hydra. Lucca sent me proofs some weeks ago, & sent blocks direct to Newton Co.

Paid. Furman's remittance pays ye today -

Yrs

Furman -

Ivy M. Lainé

Washington
March 25, 1901

A. H. Hershey,
Dear Sir:

Here is copy for ten
no / 5 cuts for ten weeks
basis — Brewer an atmosphere
& perhaps ten engraving cuts.

Regards —
Elbert Hubbard

A. H. Hershey
Newspaper Printing Co.
Lancaster, Pa.

Washington
March 26, 1901

Dear Theodore:

Thanks for the initial letters. They are fine, even if you did draw the head of a wolf instead of a fox!

But now, at the end of everything, Forestry Frank comes in & I find I have no initial for it. It begins with A, and a fox-tail would be appropriate. Send me one at once, made for vertical reduction to 3/4 inch, & send direct to Lanier for reproduction to-morrow.

Ever Yours
C. Scott Thurston

W. C. Sproles
110-12 St.
Brooklyn, N.Y.

March 27/1901

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Washington, D. C., March 27, 1901.

Dear Mr. Lanier:

Your letter of the 26th instant, inclosing a letter from the Heliotype Company, arrived this morning. The terms of the Heliotype Company as stated in this letter are in accordance with my understanding of the agreement. I return the letter herewith.

The proofs and drawings for Gilbert have just arrived and are being gone over. Those needing attention will probably go back to you tomorrow.

Before you receive this letter Spader will probably have given you an additional initial letter, which I found we needed for the Fernow article. It should be reduced to 3-4 inch in height, with the others.

Your letter of the 25th instant arrived duly. It is all right to keep the orchid until the printing is finished. I supposed it had been done.

My point with regard to the thick paper on which the photogravures are printed was not that the book, as a whole, would be too bulky, but that the thickness of the plates in connection with the very large number of them would make the book clumsy in handling the pages.

Your letter from the New Era people, which I return herewith, conveys an erroneous impression as to the handling of proof at this end of the line. During all this tedious correcting of the page proof set up so long ago, I have read and returned all proof sent me promptly, and think I am safe in saying that in no case have I

H. W. Lanier -- 2.

retained a proof more than 24 hours. In nine cases out of ten they have gone back the same day; in other words, there has been no delay at this end of the line. They are now moving ahead rapidly, and this noon I received the balance of Gannett's article on geography. Both the Fernow and Gannett articles are in galley proof. These proofs must be held longer, as they have to be read by authors, and Fernow, as you may know, is at Ithaca. Brewer's article on atmosphere is in the printer's hands and will be followed directly by my Bogoslof article, after which come Grinnell's salmon and Washburn's fox farming. The book ends with Dall's Innuit people, according to Mrs. Harriman's request.

Very truly yours,

C. Hart Merriam

H. W. Lanier.
Doubleday, Page & Co.,
New York.

Washington, D. C., March 27, 1901.

My dear Fernow:

Many thanks for your promptness in returning the Alaska proof, and for the corrections you have made.

As to the matter of separates, I am not able to say yes or no, as this must rest with the publishers.

As to the illustrations: we had, as I remember it, only one drawing which seemed suitable for your article. But I have selected for it enough full page plates, so that it will be amply and handsomely illustrated.

With kind regards to you all,

Very truly yours,

C. Hart Merriam

Dr. B. E. Fernow,
College of Forestry,
Ithica, N. Y.

March 27, 1901.

Dear Professor Verrill:

Your letter of the 25th instant has just arrived, and the plate you sent by express several days ago reached me this morning, along with your letter of the 22d. I am sending the Heliotype Company (with the drawing) the two photographic plates you have just inclosed, to replace plates 25 and 27 of those sent previously, and trust they may reach Mr. Cockayne before he has taken them in hand.

The number of these star fish plates is getting to be so large that it almost frightens me. At the same time I quite agree with you that the importance of reproducing illustrations of Stimpson's types is so great as to warrant the necessary additional expense. You will, therefore, use your own judgment in making up the plates. But I should dislike mightily to have to ask the Museum for any more prints of those photographs, after having already secured two sets. Would it not be better to crowd the photographs on the plates a little more, letting some of the rays overlap, instead of making them smaller?

I am shocked at what you tell me about Professor Smith's condition, but I trust it may yet turn out less serious than feared. He has kept his nose on the grindstone too steadily for too many years.

Very truly yours,

C. Hart Merriam

Prof. A. E. Verrill,
New Haven, Conn.

poor imprint

Washington, D. C., March 27, 1901.

The Heliotype Company,
211 Tremont Street,
Boston, Mass.

Dear Sirs:

Your letter of the 25th instant is at hand. I am sending you herewith the additional line drawing necessary to make up the outstanding batch of eight photo-lithographic plates, and shall be obliged if you will take the matter in hand at once.

Your rate of $15.00 per 1,000 prints for heliotype work, including lettering, is correct, but I fail to understand the meaning or application of the following sentences in your letter: "If these subjects are also to be used in Harriman Expedition we shall be pleased to give you any advantage that may be gained, provided, of course, that edition is printed as one continued run."

I should be glad to see samples of a good rag stock paper, on which you propose to print both the heliotypes and the photo-lithographs.

In the package with the drawing I am sending you, you will find two more photographic star fish plates from Professor Verrill, Nos. 22 and 35. These are to replace plates 25 and 27, sent you before, and which I shall be obliged if you will kindly return.

Respectfully,

C. H. Merriam -

Washington
March 28, 1901.

R. H. Mershon:
Newton & Printing Co.
Washington
Dear Sir:
Proof of Brewer on Atmosphere just rec'd. per
Adams Express.
Mr. Merriam I am sending you copy for my
Bryozoa article. The blocks went to
you by express this afternoon — part from
me & part from Mr. Ives of Baltimore. The letters
you have previously rec'd. from Doubleday Page & Co.
Resp.
C. Hart Merriam -

P.S. In the proof of Brewer I put 2 for an
"i" which is for forming with 3 mill sand
Jr. tambourine. The remaining initial
letters have been made & blocks will be sent you
at once by express
A complete set of the proofs, numbered, for the
36 photographic engravings in my Bryozoa paper are enclosed
herewith in case the numbers. Fig. 39 was accidentally
sent in the box of blocks today. - Merriam

BOGOSLOF, OUR NEWEST VOLCANO

By C. Hart Merriam.

A small spot in Bering Sea, between the Aleutian Islands and the Pribilof or Fur-Seal Islands, has been in recent years the seat of more violent volcanic activity and has undergone greater changes of form than any other part of North America. Here, early in May 1796, accompanied by thunder, earthquake, and fire, a volcanic island was suddenly thrown up from the depths of the sea; and again, no longer ago than the summer of 1883, the waters were once more convulsed, and shrouded in steam and fog, another volcano was born.

The eruptions of the new volcano seem to have escaped observation, but the terrific disturbances attending the upheaval of old Bogoslof were witnessed not only by native Aleuts but also by a Russian fur trader, one Krikof, who at the time chanced to be on the most northern part of Umak only about thirty miles distant. Krikof told Kotzebue that on May 7,1796, a storm from the northwest cut off outlook seaward; that on the 8th, when the weather had cleared, he was soon a few miles away a column of smoke, beneath which an object something black appeared. During the night fire arose in this place and at times became so abundant and bright that every object on the island could be clearly recognized. An earthquake now shook the island(Umak), and a terrific roaring came back from the mountains to the south. The rising island twice hurled stones as far as Umak. At sunrise the earthquake ceased, the flames vanished, and the newly risen island appeared shaped like a black pointed cap. A month later Krikof found it considerably increased in height. It had thrown up fire continually. After that it increased both in circumference and altitude, and the flame diminished, but vapor and smoke rose constantly. After four years the smoke ceased, and after eight (1804) sea-lion hunters who visited the island found the water warm and the ground so hot that no one could walk on it.

The island was called by the Aleuts Agashagok, and by the Russians Joanna Bogoslova, for St.John the Theologian.

Langsdorf, who visited Bering Sea in 1806, was told by the natives of Unalaska that in the place now occupied by Bogoslof had long stood an isolated rock, which in the times of their forefathers had always been one of the great resorts of sea-lions.

"In the year 1796, the islanders remarked a great appearance of fog in the neighborhood of this rock, which did not disperse, although the rest of the atmosphere was perfectly clear; this gave the greater uneasiness to the people of Conalashka and Umnak, since they considered the rock as one of their great magazines of food. After vainly expecting for a long time the removal of the phenomenon, and afraid, uncommon as such an appearance was, to venture near it; at length, one of the Aleutians, bolder than the rest, resolved to visit his ancient haunt, and endeavor to catch some sea-lions. He soon returned in the utmost terror and astonishment, saying that the sea all about the rock boiled, and that the supposed fog was the smoke or vapor that rose from it. Nobody would in consequence venture any more near the place; concluding, that instead of sea-lions and sea-dogs, it was become the abode of evil spirits. This continued for a considerable time, till at length, about five years after, the fog suddenly clearing away, the Aleutians instead of their rock saw an island, from which rose a high peak, in form resembling a chimney, with

fire and smoke issuing from it as if it had really been one.

Continuing, Langsdorf states that "some inhabitants of Oonalaska, in the month of April, this year [1806], consequently not a very long time before his arrival, had visited this island, going in three baidarkas, and gave me the following account. It was impossible to land on account of the heat: on the south side of the island alone, where the shore was not so steep, and where the great heat of the volcano was not so much felt, could they effect a landing. They endeavored to ascend the peak, but found the ascent extremely difficult on account of the steepness and the number of clefts, and the sharpness of the stones. When they arrived somewhat less than half-way up, they judged it more prudent to relinquish the undertaking, as the remainder of the way was much more rugged, and the ground began to grow very hot: as they descended, they observed a great [illegible] of smoke and vapor rising from the holes and clefts they had left behind them. They stopped at a hole, whence issued a great deal of steam, and suspended in it a piece of the flask of a sea-lion: after leaving it there a short time they drew it out, and found it cooked as if it had been set over a fire."

Veniaminof states that the island ceased to increase in size about 1823, and Grewingk believes it attained its highest elevation in 1814. No accurate measurements were made, and its altitude in different years was variously estimated from 350 to 2500 feet.

A rough sketch of the island, probably made by Tebenkof in 1832, was published in Lutke's Atlas in 1836 and is here reproduced (fig.1.). About 40 years later Dall made several outline sketches, one of which (fig.2) is from essentially the same point of view as Tebenkof's and shows the changes that took place between 1832 and 1873. The

high central peak had disintegraded until it was little higher than the northwest end, and this end had been encroached upon by the sea until the part which in Tebenkof's sketch is capped by the first and second pinnacles had been completely torn away, thereby shortening the island by about one quarter its length. Subsequent changes are shown in the accompaning series of illustrations.

When the Harriman expedition visited Bogoslof, on the evening of July 8,1899, the fog rested so heavily on the summit that the forms of the two highest peaks could not be completely made out, but the lowness of the ridge as a whole, the small size of the northwest peak, and the depth of the notch separating it from the rest of the mass told too plainly of the rapid wasting now going on and foreshadow the eventual destruction of the peaks.

NEW BOGOSLOF OR GREWINGK

The towering cliffs of old Bogoslof no longer battle alone with the angry storms of Bering Sea, for close at hand a new island has arisen. Its birth was not witnessed by human eye; no earthquake shock marked its advent, and the date of its upheaval may never be known. At the time of its discovery, September 27,1883, by Captain Anderson of the schooner 'Matthew Turner', it was in active eruption, throwing out large masses of heated rock and great volumes of smoke, steam, and ashes, which came from the apex and from numerous fissures on the sides and base, some of which were under the water line. Large boulders were shot high in the air, which descending and striking the water, sent forth steam and a hissing sound. After nightfall fire was observed on the island. A month later Captain Hague of the schooner 'Dora' approached it within a mile. He is quoted as saying that black smoke, like that from

burning tar, was issuing from it, that it threw out flame, smoke, and red hot rocks; and that among the sea-lions observed near by were a number which had been scalded so that the hair had come off. He thinks many were killed.

From the description given him by Captain Anderson and Captain Hague, Prof. George Davidson of San Francisco made a drawing representing the new volcano in the fall of 1883. Its height was estimated at from 800 to 1200 feet.

On October 20 of the same year the inhabitants of Unalaska were startled by an ominous ~~looking~~ black cloud which appeared in the north and grew rapidly until it overspread the entire heavens and cut off the light of the sun. It then settled down very low and the air became dark like night. It finally broke and disappeared in a shower of ashes. So much adhered to the windows that it was impossible to see through them.

The first landing on New Bogoslof was made by the officers of the Revenue Steamer 'Corwin' (Captain M.A.Healy) on May 21,1884, nine months after its discovery. Its altitude was about 500 feet. No crater was discovered, but there was a 'great fissure', the interior of which could not be reached owing to the steam, fumes of sulpher, and heat, which rendered entrance into it extremely dangerous if not impossible. It was also impossible to climb the main peak, which, like the rest of the island,

~~The volcano~~ was covered with a thin layer of ashes, the surface of which, from the action of the rain, had been converted into a crust, not strong enough to sustain the weight of a man. The party found it very difficult to climb the slope, sinking ankle deep to knee deep through this crust and into an almost impalpable dust,

which arose in clouds and nearly suffocated them. When the first summit was reached, the heat of the ashes became almost unbearable, and Lieutenant Cantwell was forced to pick his way over rocks whose exposed surfaces were cooler and afforded a more secure foothold. The temperature of the sand at the foot of the cone was 44° F.; of the material half way to the top 191°, and in a crevice near the summit it was so great that the thermometer (which was made to register 260° Fahr.) exploded, and the solder fastening the ring to the instrument was fused.

The old and new volcanoes were connected by a broad bar or spit called 'the isthmus', which at its narrowest part measured 326 feet wide. This is shown on Cantwell's chart (fig.16) and in Lieut. Doty's photographs (fig.17 and photogravure plate). From this spit, and near the base of the new volcano, arose a towerlike rock 87 feet

The new and old volcanoes were completely connected by a broad bar or spit called the 'isthmus', from which, near the base of the New one, arose a tower-like rock 87 feet in height. ~~The appearance of the islands at this time is shown in the accompaning reproductions of photographs taken by Lieut. G.M.Doty of the 'Corwin'.~~

The following year the 'Corwin' made another visit and remained till dark, when the volcano presented a most extraordinary spectacle. The summit was enveloped in a bright sulphurus light which burst forth from rifts in its side and shone out against the black background in a manner both beautiful and impressive.

In 1891, the following year, it was my good fortune to visit Bogoslof. Prof.T.C.Mendenhall and I were on our way home from the Pribilof Islands, whither we had been sent as Commissioners to represent the interests of the United States in the controversy with Great Britain over the Fur-Seals. We left the Pribilofs on the

evening of August 10, on board the 'Albatross', commanded by Captain Tanner, whom we persuaded to return to Unalaska by way of the volcano. The night was densely foggy, as usual in Bering Sea in summer, and the early morning brought no change. The ship was feeling her way ~~along~~ cautiously with no land in sight, when suddenly, about 7 o'clock, the fog lifted and we saw, directly ahead and hardly a mile away, the bold front of the new volcano. We felt a thrill of excitemont as the precipitous cliffs of the northern end broke through the fog, followed by a torrent of escaping steam, whose roar, when the engines stopped, drowned all other noises, not excepting the cry of the myriads of sea birds which swarmed about the rocks like a hive of bees.

Before anchoring, Captain Tanner took the precaution to send an officer in a small boat to run a line of soundings between the ship and shore. Good anchorage was reported, with nothing less than 20 fathoms. The ship was started ahead slowly, but immediately grounded on a reef or rock with only nine feet of water under her bow—the small boat had crossed or gone to one side of the rock before beginning to sound. We backed off without damage to the ship and anchored in the bay on the east side of the island, whence a number of us went ashore in a small boat.

The shape of the island did not in any way suggest a volcano, there being no cone and no true crater. The highest part was on the north, where the mountain rose in a precipitous wall from the sea.

The ~~new volcano~~ was enveloped in steam, which issued from thousands of small cracks and crannies and poured in vast volumes from a few great fissures and crater-like openings, the principal of

which was near the northeast corner, only a few feet above high water mark. From this opening, the shape of which we could not see, it rushed out with a loud roaring noise. The quantity of steam was so great as to ~~conceal the~~ completely conceal the upper part of the island except when wafted to and fro by violent gusts of wind. Professor Mendenhall and I walked from the roaring hole where this steam escaped, all the way around the east, south, and west sides of the volcano, but it was impossible to pass around the towering wall at the north end. The steam was usually impregnated with fumes of sulphur; and deposits of sulphur, some in very fine needles, were observed along the margins of the cracks. Most of the rock was hot and pools of hot water were found on the beach.

Captain Tanner expressed surprise at the altered appearance of the volcano ~~and told us that~~ since his visit the previous year; the connecting spit had disappeared, the island had decreased in height at least 100 feet, and the pinnacle had fallen and was strewn in huge masses down the steep incline.

In 1895 Bogoslof was visited by Becker and Dall of the U.S. Geological Survey. Photographs taken by an assistant, C.W.Purington, show that since 1891 the activity of the steam vents had greatly diminished and the top of the volcano had been smoothed off and flattened down. This is shown still better in photographs taken in 1897 by Dr. Leonhard Stejneger, who, when returning from the Commander Islands, passed close to the north end of New Bogoslof. His pictures show the boldness and precipitousness of this part of the island and also its flat top and plateau-like form which, in view of its recent mountainous character, is remarkable and hard to understand.

9

SHIP OR SAIL ROCK

The first land recorded from the neighborhood of the present site of Bogoslof was a huge rock seen by Krenitzin and Levashef in 1768 or 1769--nearly 30 years before the upheaval of the old volcano--and shown on their map of 1780. The next record is by Captain Cook who on October 29, 1778, "discovered an elevated rock like a tower" in the same place. It was named Ship or Sail Rock, ~~it~~ was seen repeatedly after the upheaval of the old volcano, in 1796, and even survived the eruption of the new volcano, in 1883. It was ~~photographed by the 'Corwin' in 1884 and sketched by Greenfield in 1887.~~ In 1890 ~~it~~ had fallen and its site was marked by debris. Hence its known history covers a period of about 120 years.

THE SHIFTING SPITS OR BARS.

A glance at the accompanying sketch maps ~~three in number,~~ shows a ~~most~~ startling instability in the outline of the islands.

In 1884 they were completely connected by a spit or isthmus, as shown in Cantwell's chart. In 1891 they were widely separated, and a new spit a mile long pushed out from the west side of the old volcano, as shown in my rough sketch map. In 1896 the west spit had disappeared and a new spit, apparently of equal length, had formed on the east side of the new volcano, as shown by Dall's sketch map (fig. 3). In 1899 the conditions were about the same except that the long east spit of New Bogoslof curved to the south instead of the north, and the east spit of the old volcano seemed to have grown larger.

10

LIFE ON BOGOSLOF

Plant life is so exceedingly scarce that it is overlooked by the ordinary observer. Animal life, on the other hand, though restricted to a few species, is abundant and obtrusive.

Old Bogoslof has been from early times the resort of countless multitudes of sea-birds, mainly murres or arries, and the new volcano had not yet cooled when the vast hordes began to take possession. At the time of my first visit (1891) they stood by thousands on the projecting points and ledges, wherever the rocks were not too hot, and hundreds of their eggs and young in various stages of development were observed. Whether or not they relied on the warmth of the rocks to assist in incubation was not determined. Many of them sought even the steam enshrouded crags, and when the steam clouds were momentarily blown aside ~~by the wind~~ we saw thousands standing serenely side by side as if enveloped in ordinary fog. It seemed incredible that birds should voluntarily take up quarters in places where hot steam and fumes of sulphur were almost suffocating. Some, indeed, appeared to have met their death from this cause, for we picked up on the rocks below a number of dead birds that bore no signs of external injury. ~~But~~ The multitudes of murres on New Bogoslof were insignificant compared with ~~those~~ on the cold cliffs of the old volcano, where every inch of available standing room was occupied. Each bird stood over its single egg, and when suddenly frightened, as by the discharge of a gun, started off, carrying its big egg between its legs, and when a short distance away let it drop, so that the report of the gun and the launching into the air of the birds were followed by a shower of many colored eggs.

When the Harriman Expedition visited Bogoslof in July 1899 flocks of murres on their way to the islands began to pass the ship at frequent intervals when we were still 25 to 30 miles away. They became more and more frequent until in a short time they formed a continuous stream. The fog was thick all the way and never once lifted, so we could see only such birds as actually passed over or very close to the ship, and yet the compass showed that their course was laid direct for the volcanoes. How they found their way is a mystery not yet satisfactorily explained. As we neared the islands their numbers increased until the air was full of them, coming from different directions and all moving in straight courses to the cliffs. When finally the ship hove to, and we set out in a small boat for shore, the water was dotted with them, and some allowed us to approach so near that we almost caught them in our hands. On landing, the sea-lions became at once the objects of absorbing interest, but still we could not help noticing the great swarms of murres which continued coming to the cliffs. When one of our collectors fired his gun the multitudes that shot out into the air and circled round the island formed a dense cloud which cut off the light and made a roaring noise so loud that it drowned even the bellowing of the sea-lions. And yet, after their departure, the cliffs seemed as completely peopled as before--so inconceivably great were their numbers.

In the case of most forms of animal life the increase of the species is checked by enemies and by the limitations of the food supply, but in the case of the murres in Bering Sea, enemies are scarce, and the ocean seems to provide an inexhaustible store of food, so that the only apparent check to extravagant multiplication is the limit of available nesting places. And since the bird's requirements in this direction are easily satisfied--a shelf or point of rock three or four inches square answering every need--the numbers already attained are almost beyond belief.

When the whaleboat carrying the members of the Harriman Expedition who were lucky enough to visit Bogoslof on the evening of July 8, 1899, approached the shore, we were much impressed by the numbers and monstrous size of the sea-lions on the beach. As we drew near they became restless and began to show signs of alarm, and most of the cows took to water, while the bulls--as the old males are called--billowed and roared and moved down a little nearer. Owing to the surf we were compelled to land at a particular spot where a number of huge yellow bulls, as big as large oxen and longer, were congregated. As the boat grated on the gravel beach some of the bulls came toward us, bellowing fearfully and moving their ponderous bodies in a clumsy ambling lope. While they would not turn aside to attack a man, woe betide the unlucky one who falls in their path on their mad rush to the sea! In dragging the boat up through the breakers to a safe place on shore we were careful to keep out of the way of those who had made up their minds to leave by the way we had come. Those a little farther off stared at us and roared, swinging their massive heads from side to side, and as I ran toward them with my camera, most of them took fright and made off--some into the sea, others into a pond a few rods back from shore—but a few old giants, when I was within about 20 feet of them, made a stand. I did not dispute the ground with them but waited till they moved slowly off.

Most of the young, accompanied by more than a hundred cows and many bulls, took refuge in the pond near shore. They were now thoroughly frightened and rushed through the shallow pool in wild confusion, making the water surge and boil and throwing the spray high in the air. Finally, as if by concerted action, all of the old sea-lions made a break for the far side of the pond, and stam-

peded for the sea, where another absorbing scene was being enacted. Dozens of adults, apparently cows and middle aged males, were sporting like porpoises in the breakers, moving side by side in schools of six or eight and shooting completely out of the water. These small squads behaved like well drilled soldiers, keeping abreast, breaking water simultaneously, making their flying leaps in the air side by side, and taking the next wave together. This they repeated again and again, evidently finding it great sport. It was a marvelous sight and one to be long remembered.

For the privilege of using some of the illustrations accompanying this article the author is indebted to the U.S. Geological Survey, the U.S. Fish Commission, the U.S.Revenue Marine, Lieut G.H.Doty, Dr. Leonhard Stejnejer, and Mr.E.H.Harriman.

Washington
March 29/1901

Mr A.H. Harding
Dear Sir!
Herewith I hand you
copy of Grinnell's Yukon
article for the Alaska
book — As follows
my Kuskokwim article
which I sent you
yesterday —
Yours
Harriman

peded for the sea, where another absorbing scene was being enacted. Dozens of adults, apparently cows and middle aged males, were sporting like porpoises in the breakers, moving side by side in schools of six or eight and shooting completely out of the water. These small squads behaved like well drilled soldiers, keeping abreast, breaking water simultaneously, making their flying leaps in the air side by side, and taking the next wave together. This they repeated again and again, evidently finding it great sport. It was a marvelous sight and one to be long remembered.

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Washington
March 29/1901

Mr A.H.Harding
Dear Sir!
Herewith I hand you copy of Grinnell's Salmon article for the Alaska book — It follows my Rogoslof article which I sent you yesterday —
Yours
Harriman

Retake of Preceding Frame

March 30, 1901.

Dear Mr. Lanier:

Your letters of the 28th and 29th are at hand. Spader's bill is O. K. and is returned herewith.

The Heliotype Company's note with respect to the size of the edition for the Harriman book must be an error. I supposed you had decided to increase the edition from 1,000 to 1,500 copies. This has nothing to do with the Washington Academy edition, which is 1,200 copies and is a separate affair.

Please return all the original drawings to me. An exhibition of Fuertes' drawings is to be held at the Cosmos Club in this city beginning Monday, April 1, and I shall be glad to add those you have to the others.

We have received from you four packages of the drawings and proofs of Gilbert's glacier illustrations. A package of these goes back to you by express herewith. The map, No. 709, requires corrections in lettering. A number of the reproductions turn out too large for the character of the work on the drawing and need to be further reduced. These are Nos. 713, 720, 725, 729, 733, 735, 736, 742, 760, 766, 767, 768, 768, 778. Please send me the blocks of 731, 741, and 777.

The following numbers are O. K.: 708, 722, 724, 723, 739, 743, 745, 746, 747, 748, 751, 752, 753, 754, 755, 759, 760, 761, 763, 765, 766, 767, 770, 771, 772, 773, 774, 775, 776, 781, 785; of these 781 should be cut in two vertically, so as to print on facing pages.

H. W. Lanier -- 2.

I now have from the New Era people advance proof of Farnow, Garnett, and Brewer complete. They are now at work on my Bogoslof article and have in hand also Grinnell's salmon paper. I am sending them today the fox farm paper and Dall's poem on the Innuit people, which closes the volume. The only remaining matter is the preface, introduction, and list of illustrations. With respect to the latter, I feel somewhat embarrassed by the size it has assumed. It has seemed to me necessary to record for each illustration the subject, source, and artist. In a few cases, as those showing glacier terminals, the date also should be given. This list will cover a number of pages unless set in very small type. Before having a sample page set, I should be glad of suggestions from you.

With respect to the paper: I quite agree with you that the cuts on the sample just received turn out dull in comparison not only with the original proofs, cut with the sample on the thin paper received a few weeks ago. The new paper has no strength and appears to contain too much wood pulp. It is by no means an all rag paper. What I dislike is that the makers do not send us the same paper twice. This new batch (on which the sample signature is printed) is quite a different thing and has a different surface than the sample you originally sent me and which I examined and had analyzed. The last batch certainly will not fill the bill.

Very truly yours,

C. Hart Merriam

March 30, 1901.

Dear Mr. Dellenbaugh:

Many thanks for your letter of the 27th and the interesting information it contains respecting the trees of the country between the head of Port Clarence and Golofin Bay. These observations conform very closely, Coville tells me, with those made by one of the parties of the Geological Survey last summer.

Very truly yours,

C. Hart Merriam

Fred S. Dellenbaugh,
15 West 61st Street,
New York.

I am very much obliged to you for the data from time to time - letting the sheets go as read for the book -

March 30, 1901.

A. M. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Herewith I am sending you copy for the remaining papers for the Alaska book; namely, Washburn on fox farming and and Dall's poem entitled, 'The Innuit People.' Yesterday I sent you Grinnell's salmon fishery, and the day before my paper on Bogoslof. Herewith I am returning galley proof of Fernow's forestry article and will return either this evening or tomorrow galley proof of Gannett's geography.

The new sample of paper on which you have printed the first signature of the Alaska book arrived yesterday, for which I am obliged. The cuts of this signature come out wretchedly. They are dull and blurry, as if printed on blotting-paper. On contrasting the cuts on pages 11 and 15 with those on the same pages as printed by you on the sample of thin paper first submitted, the contrast is amazing. What is the trouble: is it the paper or the ink, or a little of both? The cut on page 5 needs indenting. It prints too black and is too much filled.

Very truly yours,

C. Hart Merriam

March 30, 1901.

Dear Mr. Dellenbaugh:

Many thanks for your letter of the 27th and the interesting information it contains respecting the trees of the country between the head of Port Clarence and Golofin Bay. These observations conform very closely, Coville tells me, with those made by one of the parties of the Geological Survey last summer.

Very truly yours,

C. Hart Merriam

Fred S. Dellenbaugh,
16 West 61st Street,
New York.

I am very much obliged to you for this data from time to time - getting the facts for me.
Hope you received the article -

March 30, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Herewith I am sending you copy for the remaining papers for the Alaska book; namely, Washburn on fox farming and and Dall's poem entitled, 'The Innuit People.' Yesterday I sent you Grinnell's salmon fishery, and the day before my paper on Bogoslof. Herewith I am returning galley proof of Fernow's forestry article and will return either this evening or tomorrow galley proof of Gannett's geography .

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Very truly yours,

C. Hart Merriam

Retake of Preceding Frame

March 30, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

The batch of Boroslof drawings came this morning, along with your bill for the same, which I am forwarding to Mr. Harriman. I shall be glad to see proofs of the United States map as early as practicable.

Herewith I inclose corrected proof of the Fernow forestry map. Please extend the salmon color easterly as indicated, and add the explanatory legends below. The coast strip should be shown in some color that will show plainly on the map. I do not like the idea of leaving off the color of the water, but would prefer to change the color of the coast strip.

Very truly yours,

C. Hart Merriam

March 30, 1901.

Dear Doc:

Your letter of the 27th reached me a day or two ago, and I am very glad to know that you are so well pleased with the appearance of your Nemertean paper. I think myself it is in very satisfactory shape. I will return to you shortly the odds and ends in the way of proofs that are still in my possession.

Very truly yours,

C. Hart Merriam

Prof. Wesley R. Coe,

New Haven, Conn.

March 30, 1901.

The Heliotype Company,
211 Tremont Street,
Boston, Mass.

Dear Sirs:

By express, prepaid, I am sending you 8 more plates of star fishes (plates 37 to 44 inclusive) to be added to Professor Verrill's series already in your hands for reproduction by heliotype process for both the Harriman book and the Proceedings of the Washington Academy of Sciences.

Very truly yours,

L. H. Harriman

March 30, 1901.

Dear Spader:

Thanks for your promptness in making the last initial letter and delivering same to Lanier. Your bill is O. K. and I so informed Lanier.

Very truly yours,

L. H. Harriman

W. M. Spader,
190 12th Street,
Brooklyn, N. Y.

March 30, 1901.

Dear Professor Verrill:

The last batch of 8 star fish plates comprising Stimpson's types reached me O. K., and I am sending them to the Heliotype Company for reproduction with the others.

Very truly yours,

E. Hart Thurston

Prof. A. E. Verrill,
New Haven, Conn.

Washington, D. C., March 30, 1901.

Dear Stanley-Brown:

herewith I am handing you such bill as have come to me for the month of March, as follows:

Gatchell & Manning (for text cuts)	$ 2.00
The Maurice-Joyce Engraving Co. (for three cuts)	2.50
A. Hoen & Co. (for nine drawings and zink etchings)	26.50
Charles H. Verrill (for editorial work and proof reading for three months, Jan. 1 to March 30)	70.50
Tarleton H. Bean (for proof reading)	17.85
Harry B. Hanger (for shorthand and typewriting work)	24.00
C. Hart Merriam (for expenses of Editor's office for March)	9.93
	$ 153.28

In one case, that of Charles H. Verrill for editing and proof reading, the services cover three months, from Jan. 1 to March 30. All of the others are for the current month.

Very truly yours,

C. Hart Merriam.

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., March 30, 1901.

E. H. HARRIMAN

to C. HART MERRIAM, Dr.

To expenses of Editor's office for month of March, 1901.

Postage and special delivery		$5.36
Expressage		
March 4 - Plates to Hoen, Baltimore	$ .25	
" 18 - Plates to Heliotype Co.	.65	
" 22 - Plates to Professor Merrill	.31	
" 26 - Plates to Heliotype Co.	.26	
" 8 - Negatives from Photogravure Co.	.45	
" 13 - Plates from Professor Merrill	.40	
" 27 - Plates from Professor Merrill	.25	
" 28 - Cuts from Gatchell & Manning	.25	2.83
Telegrams		
March 28 - Gatchell & Manning	$ .25	
" 28 - Hoen & Co.	.25	.50
Typewriting paper (one ream)		1.24
Total		$9.93

Received payment,

Washington
April 1, 1901

Wm R. H. Murphy
Esq
Dear Sir:
Your favor of the 28th ult
was duly received & in reply
I am sending you Sallie Long
of the Fairmont Reader with the
5 illustrations which go with
it, and the tailpiece to the vol.
I don't know just how these
cuts can be used into-
duced to the best advantage but
you may.
You will have all the copy
for Vol. 1 except the intro-
ductory matter.
Yours truly,
E. Hart Merriam

Washington
January 17, 1862.

Dear Sir:

Original Defective

Washington, D. C., April 3, 1901.

Dear Mr. Lanier:

Yours of yesterday is at hand, together with the returned drawings from Fuertes, as stated in your letter, except that the Jaeger first mentioned is only the 'remarque', the Jaeger itself (the head in a frame) not being among them. The package also contained the Orchid painting, of which neither Coville nor I ever saw a revised proof.

Proofs of the O. K. 'd line cuts arrived today and the inclosed proof of Gilbert's map showing the islands and fiords. The corrections on this map were not made. You will observe that Frederick Sound is still spelled Fredederick.

The accompanying proofs, 971 and 999, have just come in. The initial letter is all right and should go to the printer as soon as possible, since the forestry article is now in page proof. The pennant does not strike me as particularly attractive, but if it is satisfactory at headquarters I have nothing to say.

The Fuertes paintings came just at the right time to go in with the others in an exhibit of Fuertes' pictures at the Cosmos Club which is now being held. Those that come back to you later you had better send to Fuertes at Ithica. He expects to leave on or about the 12th instant to join one of my parties in Texas.

H. W. Lanier -- 2.

The text is now practically all in type except the introductory matter and most of it is in page revise. I am glad you agree with me as to the necessity for the list of illustrations. By putting it in small type we can get a considerable number of entries on a page.

As to the colored photographs: I remember them very distinctly, and regret that they cannot be substituted for some of the paintings in the book, but at this late day it is, of course, out of the question to think of introducing additional plates, so that you had better hold them, as you desire to do, until the matter of the Edition de Luxe is decided. You say that Andrew did reproduce one of these as an experiment. I do not remember to have seen proof of this and should be glad to see it.

The only stumbling-block I see ahead at present is the paper. It is a great pity this was not attended to long ago. It looks now as if there was danger that the printing might have to be held up for the paper.

Very truly yours,

C. Hart Merriam -

H. W. Lanier,
Doubleday, Page & Co.,
New York.

April 3, 1901.

Dear Professor Verrill:

Your letter of the 1st instant is at hand, and I am glad to know that you have sent the necessary negatives to the Heliotype people and that you are attending to the numbers for the plates, so that there will be no hitch in that direction. Cockayne writes me that he expects to send proofs very soon. In this case, shall I send them to you at Bermuda? If so, what will be your address there? It is unfortunate that we cannot have the manuscript before you go, as otherwise it will be impossible to print the plates until after you return, for the reason that the plate numbers cannot be determined in advance of the taking in hand of the text. We are overwhelmed with illustrated articles, the sequence of which with their proper plate numbers is a very difficult matter to adjust in advance. I am glad to know that your manuscript is so well along and trust your trip will do you a great deal of good.

With kindest regards,

Very truly yours,

C. Hart Merriam -

Prof. A. E. Verrill,
New Haven, Conn.

April 3, 1901.

Dear Stanley-Brown:

The accompanying bill for 70,000 additional photogravure prints from Andrew, just received from you, is correct and is returned herewith.

You will be glad to know that the book is now practically all in type and that nearly all of it is in page proof. All of the illustrations have been made, and I believe the last of the lithographs are now being printed, so that very little remains except the actual printing and binding of the book.

Very truly yours,

C. Hart Merriam -

J. Stanley-Brown,
120 Broadway,
New York.

res

Washington, D. C., April 4, 1901.

A. B. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Herewith I am returning the remainder of the galley proof of my Bogoslof article.

In returning the first batch this morning I added some additional matter under the heading, Physical History, but forgot the footnote. From the heading, Physical History, please drop a footnote as follows:

This note on the physical history of Bogoslof was prepared at my request by G. K. Gilbert.

Very truly yours,

C. Hart Merriam

Washington, D. C., April 6, 1901.

Dear Mr. Lanier:

Yours of the 5th instant is at hand; also the batch of new proofs (smaller scale) of some of Gilbert's glacier line cuts; also proof of Andrew's color photogravure. The latter I am very glad to see. While the colors are by no means true to nature, they are nevertheless effective, and the picture as a whole is attractive. The deep blue of the water could doubtless be corrected.

I am horrified at your suggestion about letting the book go over until fall; nor do I understand what you mean about its not being ready before June. It is practically all in type now except the contents and introduction, which should be in type before the end of another week, and as all the illustrations are now printed --- or I suppose they are --- it would seem as if the actual press work and binding were all that remained to be done. Mr. Harriman will be dreadfully disappointed if it is not brought out this spring, and I have been working all winter as hard as possible with this end in view. The thing is so nearly done now that it would surely be a great pity to let anything stand in the way of bringing it out at once.

Very truly yours,

E. H. Harriman

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., April 6, 1901.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

This morning I sent you by mail copy for a topographic map of Alaska to be used on the same basis as the Alaska map you have already printed, showing the route of the Harriman Expedition. Please put this on stone at your earliest convenience and let me have proofs.

Revised proofs of the Hydroid and Ascidian plates came yesterday, for which I am obliged. In the case of plate XXIV a vertical line remains on the righthand side near the middle of the plate, which should be removed. In plate XXVII part of the number fails to show, as you will see from the inclosed. The others appear to be O. K., but you did not return the previous batch of proofs and I do not remember what corrections, if any, were made therein.

Can you not send me final prints of the fox and, in fact, of all the lithographs? I suppose the printing is finished by this time. The maps also should be printed at once, as the text is now nearly all in type, and I think the whole of it will be in type by the end of next week, so that we can proceed to print and bind immediately. It is now, as you know, exceedingly late, and no time should be lost in putting the book on the market, or it will be too late for the spring trade.

Very truly yours,

E. H. Harriman

P.S. Don't fail to send Lambert's letter - it is very essential

Washington, D. C., April 6, 1901.

Dear Professor Trelease:

The first volume of the Alaska book is practically all in type except the introduction, and this I hope to have in type within a week. I am trying to state about how many new species and subspecies have been found thus far in the material collected by the Expedition, and shall be greatly obliged if you will send me by return mail the numbers, so far as you know them, of the material thus far worked up under your direction.

Very truly yours,

C. Hart Merriam

Prof. William Trelease,
Missouri Botanical Garden,
St. Louis, Mo.

Washington, D. C., April 6, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Herewith I inclose the first part of the list of text figures for the Alaska book, drawn up in two forms as samples, and shall be obliged if you will print a page each way, so that we can see how it looks as early as practicable.

No advance proof has been received for some days, which worries me greatly. I had hoped that the fox-farm article and Dall's poem would be in my hands before this. I trust that it will come not later than Monday, and that page proof of the Pogoslof article will come with it. Please bear in mind that Monday will be the 8th of April and that if the book is to be printed this month, as planned, we have not a moment to lose.

Very truly yours,

C. Hart Merriam

Grinnell takes fully two weeks to get hers to me—

Washington, D. C., April 6, 1901.

Dr. George Bird Grinnell,
Forest and Stream Office,
New York.

My dear Grinnell:

Thanks for your proof which reached me today. I was beginning to worry over its non-arrival.

Curiously enough I received today also the report for 1900 on the Salmon Fisheries by Howard M. Kutchin, special agent. While I have not had time to give more than a glance at this report, it is obvious that it contains a lot of information, and I trust you will look at it at once. It is stated that the market value of the salmon catch for the season 1900 is $6,219,287; that the corresponding value the previous year was $3,850,346. The statistical table in which these figures occur gives also the number of canneries, number of men employed, number of vessels, etc. It occurred to me that you might wish to add a paragraph embodying some of this newly available information; and I have taken the liberty to substitute, for the figures given by you, the total valuation of the catch in 1899 and 1900 as given in this report. If you do not like this, you will, of course, strike it out when you see page proof, which I hope will be very soon.

Very truly yours,

C. Hart Merriam

Washington, D. C., April 8, 1901.

A. H. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

Revise page of Gannett received yesterday and is returned herewith OK'd for casting. I return also Harrow's page proof received from you in this morning's mail.

Your letter of the 6th instant is at hand, but no proof of any kind came this morning. Buel's poem should go in the same type as the body of the book. In placing the initial letters please take great care to make a nice job, even if some trimming has to be done. We could not think of such a thing as letting them go in as in some of the proofs.

I regret exceedingly that you have not enough type to set the small amount of remaining matter without liberating more type, and trust that the electrotyping of Gannett's article will enable you to complete the work at once. I trust also that you will be able to send me, not later than tomorrow, the sample pages of Burgess Little Journeys, &c. that we may decide on the form. You must realize that there is not a moment to lose on this book, or we will be defeated in our object to get it out this spring.

Very truly yours,

C. Hart Merriam

Washington, D. C., April 8, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

When can you submit proof of the United States map showing railway routes? Mr. Harriman sent a man to us yesterday to get a copy of this map for him and is in a hurry to see it. As a matter of fact, we need all of the Harriman matter now at the earliest possible date.

Very truly yours,

E. Hart Harriman

Washington, D. C., April 8, 1901.

Dear Stanley-Brown:

Herewith I inclose a copy of the Preface written last year, at Mrs. Harriman's request, by Dr. Nelson. Before sending it to the printer I thought it ought to be read by Mr. Harriman to be sure that it is satisfactory.

It has always seemed to me that Mr. Harriman himself is the proper person to write the Preface to the book; in other words, that a brief statement over his own signature should properly begin the volume. If, however, he prefers that this should be done by Dr. Nelson he will, of course, see that what is said meets his approval.

Mr. Harriman may be interested to know that more than 300 new species have been already described from the collections brought back by the Expedition.

Very truly yours,

E. H. Harriman

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., April 8, 1901.

Dear Mr. Lanier:

Inclosed herewith are OK'd proofs of the reduced line cuts, Nos. 713, 720, 726, 729, 733, 735, 736, 742, 750, 756, 757, 758, 768, 778.

Please send us four proofs each of those and also four each of the larger cuts from the same drawings.

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington
April 8, 1901.

Dear Mr. Lanier:

Your telegram just rec'd. (3.12 PM.)
What I told Stanley Brown yesterday was
that the last sample of fiber was wholly
unfit, & I showed him the cut on pp.
11, 15 & 16 as printed on it, and on this
sample previously experimented with, to
which I called your attention in equal
detail in a recent letter.

I never said the third sample was satisfactory
except as to weight, as I have never had a
clean fiber of it for analysis. It might
do, but I can't tell off hand. The trouble
all along has been that after selecting a
sample & asking for a better for sample
printing, we have always rec'd. something else
entirely different from the one selected — so
we don't get ahead any and are just where
we were when we started. The last printed
samples are inclosed herewith, as you request, but you
have not had letter about it I have previously written you
about them — Hart C. Hart Merriam

Washington, D. C., April 10, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Page proof of the remainder of my Rogoslof article and of Grinnell's salmon industry arrived this morning, along with sample pages of list of text figures, for which I am obliged. Inclosed is still another form for the list of text figures. Please set another sample page in this form. Our idea is to get the data for each subject on a single line if possible. Please also remove the alternate leads in the accompanying copy, so that each subject heading may be set solid, the subjects separated by one lead, as before.

I am hoping to receive in the morning advance proof of the remainder of the ~~article~~ book.

You forgot the woodcut of sea-lions, which goes near the end of my Rogoslof article as indicated on copy. I sent you the blank with the other cuts.

Very truly yours,
C. Hart Merriam

April 10, 1901.

Dear Grinnell:

Here is page proof of Jordan-Salmon article. The only change I made is in the last 3 or 4 lines on last page. In view of Ketchin's report, add weight of Jordan's name — for a paragraph to several pages, + return — as early as practicable.

Yours —
Merriam —

Dr. Geo. Bird Grinnell
Forest + Stream office

poor imprint

April 12, 1862

Present: The Worshipful Master, Wardens Hatfield, Hall, Hall, Past Masters Hall, Hall, Hall,

Washington, D. C., April 15, 1901.

Dear Mr. Lanier:

The last sample of paper received from you proves, as I supposed, to be a wretched pulp paper wholly unfit for such a book as ours. I am glad you have waked up to the importance of this paper question, even though rather late in the day. I have often wondered why your firm did not send me a good range of samples of real rag-stock papers, instead of hovering in a narrow circle around this one stock, which at best is a very poor substitute for a first class paper. Why not get samples from several reputable firms and send the same to me at once with prices? It takes several days, as you doubtless know, to complete an examination microscopically and chemically of any paper, and it is just as easy to run through a dozen samples as one. This is not exactly correct, but what I meant to say is, I can get a report on a dozen samples as quickly as on one, and we ought to have more range and not be compelled to accept or reject a single sample. There is no use in sending a lot of sized and supercalendered samples and pulp papers, as has been done heretofore. What we want is a first class white rag stock wove or laid (preferably wove) and with just surface enought to take text cuts nicely. I wired you this noon on the subject.

The Jaeger's head and the originals and proofs of the Narcissus buttercup and heathers, and four sets of prints of the Heliotype Company's plates have all come to hand. In the case of the Chickadee you will observe that they did not make the corrections I wrote you about sometime ago and that, as a consequence, in the

plates received half of the spruce needles are blue, instead of green.

With respect to your request for originals of plates made by Cockayne to be exhibited at Philadelphia about the 22d instant, I can send you the Fuertes plates which you have recently sent me and will ask Coville if he is willing to let the plant originals go with them.

Your letter of the 13th instant reached me today, along with the returned samples of ~~contents~~ text and text cuts, and your comments thereon. I shall have a new sample page set in accordance with your suggestion at once, and trust that we can then put the whole preliminary and introductory matter in type within a few days. All the rest of the book, as you know, is already in type.

I shall be obliged if you will have the index made at the earliest possible moment and send me copy for same to go over for revision before I send to the printer. You already have page proof, I suppose, of everything up to the fox farm article, galley proof of which has not yet been returned to me by Stanley-Brown. This, however, will be in page proof long before the index can be ready.

Very truly yours,

C. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., April 15, 1901.

A. M. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

Inclosed is one of the samples of the list of text figures marked for a new arrangement, which is as follows: That the caption of the plate shall be set as it now is; that the artist and source be set in the line below in smaller type and in italics. Please let me have a sample set in this way as soon as possible, and I think it will then be accepted and we can go right ahead with the list of illustrations.

I am sending you also corrected page proof of part of my Bogoslof article, and of Dall's poem. The galley of the fox farm article has not yet been returned to me, but I trust it will come in the morning.

Very truly yours,

E. Hart Harriman -

1 - The first group from to - ca, please
[illegible] setting [illegible] in small pica
up [illegible] letters, leaving spaces as it
will have to be reprinted in run.
In at last [illegible] up the
type [illegible] [illegible]

Washington, D. C., April 15, 1901.

Dear Stanley-Brown:

Herewith I am handing you the proof of the expedition route map across the United States, and also a proof of the Alaska map with topography added as recently supplied by Gannett . This, it seems to me, makes a vast improvement in the general appearance of the map, as well as in its utility. Please let me know by return mail if the route map is satisfactory.

The galley proof of the fox farm article, which I sent you last Friday, has not yet come back to me, but I am looking for it in every mail . I shall be glad to see proofs of the new title page as soon as it is ready.

I had hoped to see you Sunday with respect to the introductory matter, as it is not quite clear to me how the thing should be divided. I have written an introduction to go over my signature as editor. Part of this might be used by Mr. Harriman if this meets his wishes.

Very truly yours,

E. Hart Harriman -

J. Stanley-Brown,

120 Broadway,

New York.

Washington, D. C., April 15, 1901.

A. M. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Inclosed is one of the samples of the list of text figures marked for a new arrangement, which is as follows: That the caption of the plate shall be set as it now is; that the artist and source be set in the line below in smaller type and in italics. Please let me have a sample set in this way as soon as possible, and I think it will then be accepted and we can go right ahead with the list of illustrations.

I am sending you also corrected page proof of part of my Bogoslof article, and of Dall's poem. The galley of the fox farm article has not yet been returned to me, but I trust it will come in the morning.

Very truly yours,

C. Hart Merriam -

P.S. The final proofs seem to be pretty good, and are sending me in carefully put up between letters, many of which are at last they will have to be replaced by new. In at least 2 cases two of the type numbers have dropped out - C. H. M.

Washington, D. C., April 15, 1901.

Dear Stanley-Brown:

Herewith I am handing you the proof of the expedition route map across the United States, and also a proof of the Alaska map with topography added as recently supplied by Gannett. This, it seems to me, makes a vast improvement in the general appearance of the map, as well as in its utility. Please let me know by return mail if the route map is satisfactory.

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I had hoped to see you Sunday with respect to the introductory matter, as it is not quite clear to me how the thing should be divided. I have written an introduction to go over my signature as editor. Part of this might be used by Mr. Harriman if this meets his wishes.

Very truly yours,

C. Hart Merriam -

J. Stanley-Brown,
120 Broadway,
New York.

Retake of Preceding Frame

Washington, D. C., April 15, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

Your letters of the 8th, 13th, and 15th are at hand, together with a batch of proofs of maps, for which I am greatly obliged. I have been so overwhelmed with other work since their arrival that I have not yet had time to go over the batch, but expect to do so tonight. Just now I am returning the forestry map alone, to have the green color of the coast strip extended over the whole of the Queen Charlotte Islands. You will observe that it is now restricted to a strip on the west side.

Very truly yours,

C. Hart Merriam -

the edition of the Hybrid and Ascidian plate
15M
12M expires. I don't like any of the
specimens you have submitted — a poor lot.

Washington, D. C., April 15, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

Your letters of the 8th, 13th, and 15th are at hand, together with a batch of proofs of maps, for which I am greatly obliged. I have been so overwhelmed with other work since their arrival that I have not yet had time to go over the batch, but expect to do so tonight. Just now I am returning the forestry map alone, to have the green color of the coast strip extended over the whole of the Queen Charlotte Islands. You will observe that it is now restricted to a strip on the west side.

Very truly yours,

C. Hart Merriam -

The editions of the Hybrid and Asiatica plates. 150 125 copies. I don't like any of the proofs you have submitted — a poor lot.

Retake of Preceding Frame

Washington, D. C., April 16, 1901.

Prof. G. C. Nutting,

Iowa City, Iowa.

Dear Professor Nutting:

Mr. Baker, my successor in the editorship of the Washington Academy's Proceedings, tells me that he has sent you galley proof of your Hydroid paper. This reminds me that there was one matter to which I wish to call your attention. It is this: In your remarks and statistics on the distribution of Pacific coast Hydroids you use only the species collected by the Harriman expedition, instead of all the species thus far known from the coast. This seems to me a mistake, since in dealing with distribution problems one needs to assemble all the data at his command, in order that his conclusions and percentages may be as nearly correct as possible. I thought possibly you might be able to change this in the galley.

Very truly yours,

C. Hart Merriam.

Washington, D. C. April 15, 1901.

Peter Adams Paper Company,

150 Nassau Street,

New York.

Dear Sirs:

I shall be obliged if you will send me a few samples of rag stock paper with prices and a statement as to composition in each case. I would like samples of all white rag and of good rag stock with not more than thirty percent wood pulp, but do not want any with sulphite pulp. I do not want any coated, sized, or supercalendered papers, but would like laid and wove finish, the latter with enough surface to take line text cuts (not half tones) properly.

Respectfully.

C. Hart Merriam

1919 - 16 th St.

Washington

Washington, D. C., April 16, 1901.

A. H. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

Last night I returned to you the galley proof of the fox farming article, which came in after my letter was written; I returned also complete page proof of my Bogoslof article and a new block to replace figure 13.

This morning I have received page proof of the Fernow article, but not the last revise with corrections, which should have accompanied it. In glancing over this proof hastily I notice two or three small points which need correction, as follows: Page 237, 10th line from top of page, Lewis River should be spelled Lewās; middle of same page, Malchatna should be spelled Mlchatna; on page 247, 5th line from top, and on page 255, 6th line from top, in Fort Wrangell, the Ft. should be stricken out.

In the fox farming article the title is so short that it looks badly. I think you had better add the words in Alaska, so that the title will read: Fox Farming in Alaska.

Very truly yours,

C. Hart Merriam

April 18, 1904.

A. H. Hershey, Esq.
Dear Sir:

Yours of yesterday rec'd. You are right about the headline—misdeal. I marked place for it in copy & at same time wrote you about it. You forgot to put it in, and having no proof of the ext & me make on the folly I put it in setting the type. It should go on p. 333.

As I wrote you, in the case of Fenno Stark, exactly what directions

Original Defective

mine needed & when they were
located. It seems like staining
a point to have to send the
proofs, which I enclose herewith.
I am always short of these
final proofs, which I have to
use for my duplicate drawing
& give out for advance work
reviews &c. The last
type proof of Fame with I sent
you with my corrections, did
not come here to me with
this printing proof.

Resp.
C. Scott Harrison

Washington, D. C., April 18, 1901.

E. O. Cockayne.

The Heliotype Company,

Boston, Mass.

My dear Sir:

You seem to labor under a somewhat remarkable hallucination as to the destination of proofs of plates sent you by me for reproduction. Thus far I have received no proofs from you of any of these, but Mr. Marcus Baker has sent me proofs and originals of a batch of seaweed plates which you for some unknown reason sent to him. No star fish proofs have yet come to hand.

In compliance with you request for originals of bird and flower paintings to be exhibited at Philadelphia next week, I am sending you by express herewith 4 of Fuertes' paintings of birds and 2 of Walpole's paintings of flowers, as follows: Hyperborean snowflake; Harlequin duck; Rufous chickadee; Head of eider[illegible] feathers, and Narcissus buttercup. Mr. Coville has consented to let me send you the originals of these flowers, but with the understanding that the name of the artist will be conspicuously shown. I assume that you will do this any way, giving Walpole credit for the flower pictures and Fuertes for the bird paintings.

With respect to the reproduction of the chickadee painting, it should be stated that the 4 prints sent me a few days ago by Doubleday, Page & Co. lack the final corrections called for on the plate. Many of the spruce needles are blue, instead of green, and blue appears on the tails, wings, and cheeks, where there was none in the original. Please return all of these paintings to me when the show is over.

Very truly yours,

C. Hart Merriam

Washington, D. C. April 19, 1901.

W. F. Etherington & Co.,

156 5th Avenue, Cor. 20th Street,

New York.

Dear Sirs:

Your letter of the 18th instant reached me today, together with five samples of paper, numbered, but not giving any other information. I shall be obliged if you will kindly send me at once a statement as to the weight, price, and alleged composition of each of these papers, and also of any subsequent samples you may care to transmit.

Respectfully,

E. Hart Harriman

1914-16 St.

Washington, D. C., April 19, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

Herewith I am returning a batch of maps marked for correction. In the case of the Fernow forest map you will observe that in printing the topography the color of the light strip near the coast has been so darkened that it is not clearly distinguished from the darker central part, particularly by night light. You can, of course, easily remedy this.

The new United States map with the railroad route is not returned to you for the reason that it is still unsatisfactory to Mr. Harriman, and ~~they~~ we may have to make a larger map. I think I can let you know about this Monday, after I see Stanley-Brown?

Very truly yours,

E. Hart Harriman

Washington, D. C., April 19, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Your letter of the 18th instant is at hand, together with revise page proof of part of my Kogosiof article and a new revision of the list of text figures. In this latter, you have arranged the second line correctly as indicated, but you have neglected to remove the superfluous leads. I shall be obliged if you will send another proof containing at least two additional entries to the page. One lead -- I am not sure but two -- should be taken out between the title and the line below, and the same number can be easily spared between the entries. The page is too open to look well, and the number of figures and plates is so great that spaced in this way the list of illustrations will take up altogether too much room.

I wrote you yesterday about the sea-lion woodcut.

Respectfully,

C. Hart Merriam

Washington, D. C., April 19, 1901.

Dear Grinnell:

Not having received back your page proof I feared that you had not received the salmon report from the Treasury Department, so today I sent up and got a copy and sent it to you by the noon mail. I trust it will reach you safely, and that you will be able to make whatever additions you see fit and return the proof shortly.

I am overwhelmed just now, but will write you about the other matters a little later.

Very truly yours,

C. Hart Merriam

George Bird Grinnell,
Forest and Stream Office,
New York.

Washington, D. C., April 19, 1901.

Dear Mr. Lanier:

Your letters of the 16th, 17th, and 18th instants are at hand, but no samples of paper came until today, when five samples arrived with a note from Etherington & Co. These papers bear serial numbers, but are not marked in any other way, and I am writing Etherington & Co. herewith to supply a statement as to weight, cost, and alleged composition. You, of course, understand that it takes several days to make a complete microscopic and chemical examination of samples of paper. I shall let you know the result at the earliest possible moment. Two of the samples received today look well, and if they prove to contain enough rag fibres to give them durability a quantity should be sent the printers as soon as possible, in order to test the way in which they take the text cuts. The next question, after we accept a satisfactory sample, will be as to whether or not we can get the manufacturers to deliver exactly the same kind. This is the principle reason why. I asked for the name of the manufacturer in each instance, as there is no use in fooling with a man who will lie to us repeatedly, as has the manufacturer of the previous samples. There is little satisfaction in analyzing and selecting a good sample unless we can be sure to get the thing ordered. I have known dealers in several instances to fill orders with paper quite different from the sample on which the order was based. It is important, therefore, to deal only with honest and thoroughly reliable manufacturers.

H. W. Lanier -- 2.

In the introduction I have mentioned the main points accomplished by the expedition as I understand them.

I regret to learn from a letter received from Stanley-Brown this morning that Dellenbaugh is giving us additional trouble about the title page.

Referring to your remarks about the color plates from the Heliotype Company in your letter of the 16th instant, I would refer you to my letter of March 11, in which I made the following statement respecting the chickadee plate: "In certain cases, particularly the chickadees, I assume the proofs were final only so far as the lettering is concerned, as some of the prints differ materially from those accepted sometime ago. Notice for instance the blue leaves of the pine sprig and the under tail coverts of the righthand chickadee."

Very truly yours,

A. Hart Merriam

H. W. Lanier,
Doubleday, Page & Co.,
New York.

Washington, D. C., April 20, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Your two notes of the 19th received, together with page proof of the fox farming article and Inmuit poem, and revise page of the remainder of my Bogoslof paper, for all of which I am obliged. The placing of cuts in the poem strikes me as satisfactory.

You have put the right woodcut on page 333 of the Bogoslof article. The seal cuts, proofs of which you inclosed, are for the next volume.

Inclosed are proofs of cuts for the blanks at the ends of articles, as indicated.

This morning I returned to you first page proof of the Grinnell salmon article and should like another revise.

Copy for contents, list of illustrations, and Keeler's ode to Alaska (which goes on one of the preliminary pages) you will find inclosed.

Respectfully,

C. Hart Merriam

Washington, D. C., April 20, 1901.

Dear Grinnell:

Yours of yesterday crossed mine on the way. Your proof arrived in the early morning mail, and I forwarded it at once to the printers with the additional paragraph, which I am very glad to have. In this connection, I want to tell you that a young man who spent sometime on Afognak Island last year told me that the canneries continue to take fish from the rivers of the island. It does seem remarkable that our Government should set aside an area as a reservation, announce that all fishing is prohibited, and then quietly submit to the most open and flagrant violations of the law.

Hastily yours,

C. Hart Merriam

George Bird Grinnell,
Forest & Stream Office.
New York.

Washington, D. C., April 20, 1901.

Stern Brothers,

Paper Manufacturers,

23d St. West, New York.

Dear Sirs:

If you make rag stock book papers, I should be pleased to receive a few samples with prices. I do not want coated papers nor highly calendered papers, but prefer a wove finish with just enough surface to take line cuts nicely.

Respectfully,

E. Hart Williams

Washington, D. C., April 20, 1901.

The Whiting Paper Co.,

Holyoke, Mass.

Dear Sirs:

If you make rag stock book papers, I should be pleased to receive a few samples with prices. I do not want coated papers nor highly calendered papers, but prefer a wove finish with just enough surface to take line cuts nicely.

Respectfully,

E. Hart Williams

1111 - 16 St.

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Original Defective

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ALASKA

Fiords of the far west shore, where peaks sublime
Are cloud-ward thrust neath folds of glistening snow,
With hoar and frigid streams that tideward flow,
Sculpturing their cliffs and crags which mount and climb
Full in the sight of Heaven -- grim heirs of time,
Stern children of eternity that grow
Austere and terrible 'mid storms that blow
Their lusty trumpets in the tempest's prime.

What joy is this to float upon thy tide,
So blue, so beautiful, to gently glide
'Mid islets forested, past shores that stand,
Dark portals opening to enchantment's land,
Where all is but a dream, soon to be
Lost in the purple mist of memory.

Charles Keeler.

Prince William Sound,
June 26, 1899.

Original Defective

INTRODUCTION

In the early spring of 1899 Mr. Edward H. Harriman of New York in cooperation with the Washington Academy of Sciences but entirely at his own expense, organized an expedition to Alaska. He invited as his guests three artists and twenty-five men of science, representing various branches of research and including wellknown professors in universities on both sides of the continent and leaders in several branches of Government scientific work. Those from the east left New York by special train May 23, 1899; those from the far west joined the party at Portland and Seattle a week later. In crossing the continent side trips were made to Shoshone Falls, Salt Lake City, and Lewiston, Idaho. At Lewiston the party was met by a special steamer and conveyed down the canyon of Snake River to its mouth in the Columbia, where the train was in waiting.

The expedition sailed from Seattle May 30, on the iron steamship 'Geo. W. Elder,' especially chartered for the purpose, and was out just two months. From Puget Sound to Juneau and Lynn Canal the steamer's way continued among the forested islands and fiords of the 'inside passages'; at Sitka she entered the open ocean and took a northwesterly course in front of the enormous glaciers and snow-capped peaks of the Fairweather and St. Elias ranges; at Cook Inlet she changed her course from northwest to southwest and skirted the Alaska Peninsula and Aleutian islands, touching the coasts of Kadiak and the Shumagins, at Unalaska and again turned her prow northward, touching at the Pribilof and several

of Bering Sea, called at Bogoslof volcano, the Pribilof or Fur-Seal Islands, and the islands of Hall, St. Matthew, and St. Lawrence; and finally, after visiting Eskimo settlements on both the Asiatic and American coasts, and peering poleward through Bering Strait -- the gateway to the Arctic -- she put about and began the homeward voyage.

On the northward voyage the Colonial Museum at Victoria, Vancouver Island, was visited, and a side trip was made from Skagway, at the head of Lynn Canal, to the summit of White Pass, by way of the newly constructed White Pass and Yukon railroad, whose officials actively placed a special train at our disposal.

A distance of nine thousand miles was traversed by the 'Elder' during the two months' cruise, a new fiord and many new glaciers were discovered, photographed, and named, and the ~~positions and terminal features~~ of many other glaciers were photographed so that their future movements may be determined.

Native settlements were visited at various places --- of Indians along the southwest coast from British Columbia to Yakutat Bay, of Eskimo and Aleuts from Prince William Sound northward and westward. The shortness of the stops precluded serious ethnological studies; still numerous articles of interest were secured, and a series of photographs of permanent value was obtained. Among the latter, those showing the camps of Indian seal-hunters in Glacier and Yakutat Bays, and those of the Eskimo settlement at Plover Bay, Siberia, are worthy of special mention. These Eskimo were living in primitive fashion, clad in furs and dwelling in skin huts or lodges.

(3)

Throughout the voyage frequent landings were made, and, no matter how brief, were utilized by the artists, photographers, geologists, botanists, zoologists, and students of glaciers. ~~where~~ camping parties were put ashore ~~and~~ more thorough ~~and important~~ work ~~was~~ done. ~~were made~~ at Glacier Bay, Yakutat Bay, Prince William Sound, Kadiak Island, the Alaska Peninsula, and the Shumagin Islands. Large and important collections were made, including series of the small mammals and birds of the coast region, enormous numbers of marine animals and seaweeds, and by far the largest collection of land plants ever brought from Alaska. They include also small collections of fossil shells and fossil plants. In working up ~~these collections~~ the services of more than fifty specialists have been secured, and upwards of five hundred species new to science have been already discovered and described. ~~and the work is by no means finished~~.

Owing to the great distances covered and the necessarily short time allowed for stops, little hunting was done. Nevertheless two hunting parties were landed at Kadiak Island, where Mr. Harriman had the good fortune to kill a Kadiak bear, the only one secured by the expedition and the first ever measured and photographed in the flesh.

In a voyage of this character, where many and diverse interests are at stake, where numerous stops at widely separated localities must be made, and where great distances must be covered in the shortest practible time, success or failure depends on the capicity of the leader, the efficiency of the organization, the perfection of the equipment, and the enthusiasm, training, and cooperative spirit of the individual members. That so much was accomplished is sufficient evidence as to how these conditions were fulfilled.

The day after leaving New York Mr Harriman called together the members of the Expedition and announced that it was not his desire to dictate the route to be followed, or to control the details of the work. In accordance with his wishes a business organization was affected, comprising an executive committee, a committee on route and plans, and special committees on the various scientific activities. These committees, throughout the voyage, held frequent meetings and determined from day to day the operatins of the Expedition.

Another factor which contributed materially to the results was the length of the days and lightness of the nights in northern latitudes, permitting work on shore during the greater part of the night. Some of the stops where important collecting was done, were made in the night, the vessel leaving before daylight.

Among the unusual features which contributed to the success of the expedition three are worthy of special mention:

(1) The ship had no business other than to convey the party whithersoever it desired to go. Her route was entrusted to a committee comprising the heads of the various departments of

5

~~(1)~~

research; so that from day to day and hour to hour her movements were made to subserve the interests of the scientific work.

(2) The scientific staff represented diverse interests and was made up of men trained in special lines of research.

(3) The equipment was surprisingly complete, including naptha launches, small boats and canoes, camping outfits, stenographers, photographers, and extra men for oarsmen and helpers, ~~their~~ the time necessary to accomplish results ~~was~~ reduced to a minimum. The naptha launches were of the utmost service, landing large parties quickly and safely, and conveying men and supplies to remote points out of reach of the ship. It is safe to say that through their agency the work accomplished was doubled.

A library comprising upwards of five hundred volumes, provided by Mr. and Mrs. Harriman and supplemented by the various members of the expedition, was conveniently arranged in the main cabin within reach of all. It included a large share of the more important and useful works relating to Alaska and proved of great service. A complete series of charts of Alaska, provided by Dr. Henry S. Pritchett, Superintendent of the U. S. Coast and Geodetic Survey, was constantly in use in the chart room. Nearly every evening during the entire voyage an informal lecture or talk on some subject connected with the work of the expedition, and illustrated by blackboard sketches, was given in the main cabin.

(6)

The expedition was favored with abnormally fine weather, so that on either the outward or return voyage practically the whole coast from Puget Sound to Unalaska, including the splendid peaks of the St. Elias and Fairweather ranges and the great mountains of the Alaska Peninsula, ~~were~~ clearly seen from the steamer.

The large number of photographs taken by the professional photographers on board was materially increased by cameras belonging to various members of the expedition, so that in all not less than five thousand photographs were secured. These cover most parts of the coast region from British Columbia to Bering Strait, and constitute incomparably the best series of pictures of the region thus far obtained. Nevertheless, certain objects of importance escaped, and in selecting the illustrations for the reports of the expedition an attempt has been made to fill the gaps as far as possible by borrowing from others. The use of photographic material for reproduction has been granted by the U. S. Coast and Geodetic Survey, the U. S. Geological Survey, the U. S. Fish Commission, the U. S. Revenue Marine Service, Lieutenant G. H. Doty, and Mr. Harry D. Chichester, to all of whom the thanks of the expedition are due. Some of the best pictures of fur-seals, sea-lions, and murres are from Mr. Chichester's negatives, which, in view of the climatic obstacles to successful photography in Bering Sea, are of unusual merit.

(7)

The text figures are from line drawings made either from photographs, or, in the case of Indian and Eskimo articles, direct from the objects. Of the artists who made these drawings, the greater number have been made by Mr. W. E. Spader of New York, and Mrs. Louise M. Keeler of California.

The colored illustrations have been derived from four sources: landscape and glacier paintings by R. Swain Gifford and Fred. S. Dellenbaugh; paintings of birds from living or flesh specimens by Louis Agissiz Fuertes; paintings of flowers by Frederick A. Walpole, under the direction of F. V. Coville, and paintings of the Kadiak bear and fox by Charles R. Knight. Mr. Gifford, Mr. Dellenbaugh, and Mr. Fuertes were members of the expedition, and made their sketches, and in many cases their finished paintings, in the field. Mr. Walpole, through the cooperation of Mr. Harriman and the Division of Botany of the U. S. Department of Agriculture, was sent to Alaska the following year (1900) for the special purpose of securing drawings and paintings of Alaska plants.

The maps have been prepared under the direction of Mr. Henry Gannett, Chief Geographer, U. S. Geological Survey.

The present volume contains the narrative of the expedition and a few papers on subjects believed to be of general interest. The technical matter, in the fields of geology, paleontology, zoology, and botany, will follow in a series of illustrated volumes. Twenty special papers, based on collections made by the expedition, have been already published in the Proceedings of the Washington Academy of Sciences and others will follow. All of this material will be gathered in the series of technical volumes. ~~In most~~

(8)

Lists of the members of the expedition and of the officers and crew of the vessel are appended.

The labor of editing and seeing through the press the material contained in the present volume, and of selecting subjects for illustration and securing their proper reproduction, has occupied practically all of the time ~~could spare from~~ outside his official duties, since the return of the expedition.

C. Hart Merriam
Editor.

April 22, 1901.

L. D. Post,

The Paper Mill and Wood Pulp News,

Box 592, New York City.

Dear Sir:

Your letter of the 20th instant, giving me the addresses of manufacturers of book and linen papers, is received, for which I am exceedingly obliged.

Very truly yours,

C. Hart Merriam.

April 22, 1901.

West Virginia Pulp and Paper Co.,

309 Broadway, New York.

Dear Sirs:

I am anxious to secure a small sample, say a pound, of an all cotton ~~paper~~ wood pulp, and shall be obliged if you will tell me to whom I should write for the same.

Respectfully,

C. Hart Merriam.

Washington, D. C., April 22, 1901.

Dear Stanley-Brown:

As agreed yesterday I have seen Gannett, and he is now having the relief put on a map of the United States, so that it may be engraved at once. He expects to let me have it this evening, and if it comes I shall send it to Hoen immediately, so as to obtain proofs at the earliest possible moment. So long as we know Mr. Harriman's wishes in the matter there would seem to be nothing gained in wasting the two or three days necessary to transmit a crude and unfinished map to New York for preliminary inspection.

Thanks for returning the introduction, which came last night, and of which I hope to send you galley proof in a couple of days.

Very truly yours,

E. Hart Merriam

J. Stanley-Brown,
120 Broadway,
New York.

Washington, D. C., April 22, 1901.

Harry C. Jones, Esq.,
Publishers' and Printers' Engraving Co.,
141 5th Avenue, New York City.

My dear Sir:

A week or so ago you made a couple of zinc etchings for me very promptly, for which I am obliged, but thus far I have not received a bill for the same. Please send me a bill made out in the name of E. H. Harriman, and I will see that it is paid at the end of the month.

Very truly yours,

E. Hart Merriam

April 22, 1901.

Prof. H. W. Wiley,

Chief Division of Chemistry.

My dear Sir:

Your report dated the 20th instant on samples of papers A and B submitted to you for examination sometime since has just arrived, and I am greatly obliged for the information contained therein. These samples seem to be rather heavily weighted.

The samples of sprucewood pulp, to which I referred in a recent letter, have now arrived, and I will transmit the same to you directly. Samples of cottonwood pulp I hope to obtain within a week, and will send them as soon as they come.

Again thanking you for your courtesy in this matter, I remain

Very truly yours,

C. Hart Merriam -

Washington, D. C., April 22, 1901.

A. H. Hershey,

New Era Printing Co.,

Lancaster, Pa.

Dear Sir:

Herewith I am returning proof of my Bogoslof article with a few corrections.

The sample of list of text figures received this morning is by far the best we have had and may serve as a pattern for setting up the complete list of illustrations, which I sent you yesterday.

Respectfully.

C. Hart Merriam -

Washington, D. C., April 22, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir::

Herewith I am inclosing copy for the introduction of the Harriman book. It should be set in 12-point type like the rest of the book, but the lists of members, committees, etc. at the end can go in 10-point type.

Respectfully,

E. Hart Merriam

Washington, D. C., April 22, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Several of the articles in the Harriman end in such a little manner as to leave a blank page or a blank part of a page which may be used for tailpieces. Copy for these is inclosed herewith.

Respectfully,

E. Hart Merriam

Washington, D. C., April 22, 1901.

A. Hoen & Co.,

Baltimore, Md.

Dear Sirs:

The route map of the United States, of which you transmitted proof a few days ago, is unsatisfactory to Mr. Harriman. He wishes the vertical dimensions of this map to agree exactly with those of the Alaska map and wishes the two printed on the same sheet close together, so that they may be mounted on a common stub facing one another. Mr. Gannett, therefore, has had another copy prepared, which I send you herewith. The names of the cities should be in slightly larger type. These on the United States route map, of which you sent me proof a few days ago, are much too small in view of the amount of spare room on the map and the fact that our eyes are rapidly growing old.

Very truly yours,

C. Hart Merriam -

Washington, D. C., April 24, 1901.

Dear Mr. Lanier:

I fear it is too late to change the dotted lines now, for the reason that the whole list of illustrations is probably now in type. Personally I should dislike to have the dotted lines left out altogether, but would like to see the dots not so close together.

Just a word more about the paper. You will see if you refer to my previous letters on this subject that I have never insisted on an all rag paper, beleiving 70 to 80 percent of good rag fibre enough. What we want is a good permanent paper, one which has enough strength to endure and is not so heavily weighted with clay or baryta that it will become brittle and go to pieces.

If you would examine certain objects 1/1000th of an inch in length with one of the modern high power microscopes, you would smile at the statement someone has made to you that the fibres used in the manufacture of paper are too much broken to be identified. We have prepared and mounted sections from the rejected sample showing the cotton fibres and also the characteristic cell structure of the wood pulp and so on. Furthermore if you had given samples of the same paper to three different microscopists, as I have done, and received from them essentially the same report, although the men worked in different offices and neither knew that the other was doing the same work, you would, I think, place more reliance on the outcome.

The titlepage matter seems to be very unfortunate, as I regard the one we had set up a year or more ago as very much better than anything suggested since.

Very truly yours,

C. Hart Merriam

Washington, D. C., April 24, 1901.

Dear Dr. Baker:

Many thanks for your kindness and promptness in sending me a copy of the Harriman resolution. I regret very much that you are under the weather and hope you will be yourself again shortly.

Very truly yours,

C. Hart Merriam

Dr. Frank Baker, Secretary,
Washington Academy of Sciences.

Washington, D. C., April 24, 1901.

Dear Stanley-Brown:

Yours of the 22d instant is at hand, along with the inclosed letter from Lanier which I herewith return. I quite agree with him in regretting the change in the titlepage, but in his remarks about paper I do not see anything requiring reply. If he had found out six months ago what he has learned during the past few days we should not have suffered this delay.

Hoen is now at work on the new map, which fits the Alaska one exactly.

Very truly yours,

C. Hart Merriam.

J. Stanley-Brown,
120 Broadway,
New York.

April 26, 1901

A. H. Hinchey Esq.

Dear Sir:

Herewith I am returning to you the final proofs of pp. 1-184 marked for bourbon type &c.

There are two serious errors in this matter: the first on p. 150 where the reference to a cut should be changed from p. 149 to p. 149½ the second on p. 177 where the words Port Clarence should be changed to Clover Bay.

Resp.

C. Hart Merriam

Irwin N. Megargee & Co. April 25, 1901.

Paper Manufacturers

Philadelphia, Pa.

Dear Sirs:

In your catalogue of 'Old Stratford' book papers, I find several which appeal to me. One of these is your medium plate wove No. 3. I should be greatly obliged if you would kindly tell me the approximate percentages of rag stock, wood pulp, and mineral matter contained in this particular paper; also whether or not it contains any sulphite pulp. Is the rag stock cotton or linen, or a mixture of both?

Respectfully,

C. Hart Merriam

Chief, Biological Survey.

April 26, 1901.

Mr. William F. Whiting,

Treasurer Whiting Paper Co.,

Holyoke, Mass.

Dear Sir:

Many thanks for your favor of the 24th inst. and for the samples of paper submitted. The sample marked 'Antique Wove' strikes me as a good book paper and I should be obliged if you would kindly tell me approximately what percentages it contains of rag stock, ground pulp, and clay (kaolin, baryta, or other mineral matters); also if it contains any sulphite pulp.

Respectfully,

C. Hart Merriam

Chief, Biological Survey.

PREFACE.

In the early spring of 1899 I determined to visit the coast region of Alaska. The first plan was to take only my family, but in looking about for a vessel it soon became evident that a ship suitable for such a cruise must be much larger than required for so small a party. I then decided to invite a number of men eminent in science, in the belief that persons trained in many departments of knowledge might find much of interest in such a voyage. With this end in view I visited Washington on March 25 and secured the hearty cooperation of several scientific men in different Departments of the Government service. The interest thus awakened came to be shared by the Washington Academy of Sciences, and later the Academy signified its approval by an offer of cooperation, which I cordially accepted.

As the plan developed and the preparations advanced, it became evident that the men who were to accompany me were not looking forward to a season of rest and recreation but to serious labor for the enlargement of the bounds of knowledge; and I realized that the occasion afforded an important opportunity for the advancement of science. I determined, therefore, to make scientific exploration the primary object, and to let that object determine the more important features of the equipment and route.

The time at my disposal for the voyage was so limited that I was apprehensive lest the opportunities for research would not justify the hopes of the scientific party, but we were favored with good weather, and the enthusiasm of the party overcame all trifling obstacles and resulted in the accumulation of a quantity of material

the magnitude of which was to me as surprising as it was gratifying. The study of this material has yielded a very considerable number of new species of animals and plants, and has added many facts to our knowledge of the geology, geography, and glaciers of the territory. That so much was accomplished in so short a time is due in part to the efficiency of the organization and equipment, in part due to the hearty cooperation of the ship's officers, particularly Captain Doran and First Officer McCarty, and in part to the ability, enthusiasm, and training of the various members of the expedition.

In view of the unusual character and purposes of the enterprise, the Secretary of the Treasury kindly granted a permit enabling the expedition to land at the Fur-Seal Islands in Bering Sea, a privilege which was greatly appreciated.

In perfecting arrangements for the voyage I was aided by Dr. Lewis R. Morris, Dr. C. Hart Merriam, and Mr. A. L. Mohler. Dr. Morris and Mr. Mohler assisted in outfitting and provisioning the ship, Dr. Merriam in selecting and organizing the scientific party.

Courtesies were received from a number of organizations to which I wish to express my appreciative thanks. Among these were the Union Pacific Railroad, the Oregon Short Line, the Oregon Railway and Navigation Co., the Northern Pacific Railway, the White Pass and Yukon Railway, the Pacific Steam Whaling Co., the Pacific Coast Steamship Co., and the Pullman Palace Car Co. On our return to Portland, Oregon, we were given a reception by the 'Mazamas', the mountain club of the northwest.

Washington
April 26/01.

Dear Stanley-Brown:

Enclosed is galley proof of the introduction, and a suggestive outline for a Preface. It is really very difficult for me to think what Mr. Harriman would be likely to say. Perhaps with stubs for a skeleton he will be able to shape out and add until it meets his views.

Yours truly
E. Hart Harriman -

poor imprint

5 Pm
April 26, 1901.

C. Hitchcock Esq
Dear Sir!

Herewith I am mailing you final proofs of pp 185-284 marked for finishing type -

Resp -
C. Hart Merriam -

poor imprint

Washington, D. C., April 27, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Several of the articles in the Harriman end in such a manner as to leave a blank page or a blank part of a page which may be used for tailpieces. Copy for these is inclosed herewith.

Respectfully.

The pages where the cuts go are:

136
256
277
278
289
290
355
356
366

You have blocks for all but two (the big map with the bird on the wing) and those I am sending herewith.

I am sending also a smaller block to replace the one on page 166. It is just like the old one only smaller.

C Barnes

poor imprint

Washington, D. C., April 27, 1901.

A. H. Hershey,
New Era Printing Co.,
Lancaster, Pa.

Dear Sir:

Today I have received from you foundry proof of the remaining pages of my Bogoslof article except page 302; also revise of Grinnell's salmon and Washburn's fox farming. The latter had a page at the end omitted, and I returned it to you at once this morning. I have received also today duplicate galleys of part of the preliminary matter; namely galleys 8 and 9, which are duplicates of what I received three days ago. The remainder of the list of text figures (galleys 3 to 5) has not yet arrived. I sent you this morning proofs of illustrations and three blocks for tailpieces to be put at the ends of articles, as indicated in the accompanying letter. What do you call the final plate proofs after the foundry proofs-. I mean the last page proof of which I returned to you yesterday or day before all that I have thus far received, in order that you might have one or two important corrections made and a number of broken type replaced? There seems to be a particular fatality among the f's, scores of which have lost their heads.

Very truly yours,

C. Hart Merriam -

Washington, D. C., April 27, 1901.

Dear Mr. Lanier:

Yours of the 25th instant is at hand. The samples of paper are under way, but you have not yet sent me any sample of rag stock paper which has any strength.

As to the electrotype plates: All of the book except the preliminary matter and the articles on salmon fishing and fox farming has been cast, and the remainder will likely be cast today or Monday. I am still having a few corrections (chiefly broken type) made in the plates and am adding cuts for tailpieces to the various articles which leave a blank page or less at the end. This will probably be finished by Tuesday. I see no particular need of rush in sending you these plates, for the reason that we are still at sea on the paper question. Still, plates of the entire book excepting the introductory matter should be ready to go to you by the middle of next week.

Very truly yours,

C. Hart Merriam -

H. W. Lanier,
Doubleday, Page & Co.,
New York.

April 27, 1901.

John C. Lake, Esq.,
President,
West Virginia Pulp and Paper Co.,
309 Broadway, New York.

Dear Sir:

Your letter of the 24th instant reached me a day or two ago, and I am exceedingly glad to know that you have requested your secretary to send me samples of cotton wood pulp and of poplar wood pulp from your mill at Piedmont. Your courtesy in this matter is greatly appreciated.

Very truly yours.

C. H. T. Newman -

Washington, D. C., April 27, 1901.

A. Hoen & Co.,
Baltimore, Md.

Dear Sirs:

Your letter of the 25th instant is at hand stating that you can use the Mt. Holly paper for the photo-lith. plates. Of course this is only a makeshift, owing to the shortness of time in which to secure a suitable paper, and it is a misfortune to mar the uniformity of the volume by introducing plates on such widely different papers.

Very truly yours,

C. H. T. Newman -

When can we expect proof of Tin Ho book?

Washington, D. C., April 29, 1901.

E. O. Cockayne,
Heliotype Printing Co.,
211 Tremont Street
Boston, Mass.

Dear Sir:

I have just received from you two packages of photo-lithograph plates with originals, comprising plates 9 to 20 inclusive of the sea-weeds; 3, 4, and 5 of Folsom's Apterygota; and one of Verrill's star fishes. The star fish plates thus far received, including this photo-lith. plate, are Nos. 1 to 18 inclusive; 20, 29, 30, 32, 33, and 34. According to your letter of April 3 you have originals of this series numbered continuously from 1 to 41. Hence a number are lacking in those thus far received. Those received I have just sent to Professor Verrill for examination.

The photo-lith. plates are disappointing and by no means equal, in my judgment, to those previously made for us by Meisel and Hoen. They lack clearness and sharpness of definition and the blacks are very much overdone, so that the contrast between the dark and light parts compared with the originals is very marked. In some cases the structure is so blurred that it almost lost. I have distributed the lot to the authors of the papers to which they belong and will return to you when received back from them.

I shall be very glad to see a sample of the new paper you expect to use for these plates.

(E. O. Cockayne -- 2)

With respect to lettering and numbering the plates to be used both in the Harriman volumes and the Washington Academy of Sciences, the arrangement we made verbally when you were here is as follows: (1) The whole series to be printed in one straight run; (2) the Washington Academy plates to be lettered, numbered, and delivered to the New Era Printing Co. at once; (3) the edition for the Harriman volumes to be retained unlettered until called for, when they were to be lettered and delivered to Doubleday, Page & Co.

It is obviously impossible to number the edition for the Harriman volumes in advance, but the lettering, except the volume and plate number, could be put on now if this would be a convenience to you.

Very truly yours,

C. Hart Merriam.

Washington, D. C., April 29, 1901.

Dear Professor Verrill:

Proofs of your star fish plates have now arrived from the Heliotype Company as follows: Nos. 1 to 18 inclusive; 20, 29, 30, 32, 33, and 34. One of these, No. 5, is a photo-lith.; the others are heliotypes. I am sending you the batch by express prepaid addressed to you at Hamilton, Bermuda, where you will doubtless find them at the express office. The originals are in the package with the proofs for direct comparison. Some of the lettering, I notice, has not been reproduced, and some places are blurry. Please make all necessary corrections and return to me.

Hoping that you are much improved in health and that you are finding many things of interest, I remain

Very truly yours,

C. Hart Merriam

Prof. A. E. Verrill,
Hamilton, Bermuda.

V

Washington, D. C., April 29, 1901.

Prof. Justus W. Folsom,
617 West Hill Street,
Champaign, Ill.

Dear Sir:

Proofs of your three photo-lithographis plates (3, 4, and 5) have just arrived and are sent to you by express herewith, along with the originals. Please mark for corrections and return to me. Your wash drawings to be reproduced by heliotype process are not yet done.

In the package with the plates I have returned your original manuscript and shall be greatly obliged if you will kindly write out your synonymy in the usual manner, so that it may conform to that in other papers of the series, as in Coe's Nemerteans and Nutting's Hydroids.

Very truly yours,

C. Hart Merriam

1919- 16 ext.

Washington, D. C., April 29, 1901.

Dear Professor Trelease:

Proofs of Saunders' plates, Nos. 9 to 20 inclusive, have just arrived from the lithographer, and I am transmitting them to you herewith, along with the originals. You will observe that the dark parts are almost universally too dark. In some of them the structure is obscured by the amount of black. They should be corrected freely, as we must insist on having the best reproductions possible of the drawings.

Very truly yours,

C. Hart Merriam

Prof. Prof. William Trelease,
Missouri Botanical Garden,
St. Louis, Mo.

Washington, D. C., April 30, 1901.

Prof. Trevor Kincaid,

University of Washington,

Seattle, Wash.

Dear Kincaid:

Pardon my delay in replying to your letter which came about two weeks ago, since which time I have been excessively busy.

Thus far Chittenden has given me five drawings of insects for headpieces to the several articles, and he is going to have others drawn. These are to replace the Washington Academy headings for the articles from stereotyped plates. It is a matter of much regret to me that the insect papers are not better illustrated throughout, as the insect volume will not begin to equal the others in this respect. However, perhaps we can do something yet. The great difficulty is that capable artists and you(who have the necessary information)cannot get together. Chittenden has selected material for a colored plate, and I sincerely wish it were possible to have made a plate showing the nicotic dipters from Popof Island as you suggest. Your little snapshot of the interior of Popof has a good deal of detail, and I wouldn't wonder if it could be enlarged to make a fairly respectable plate.

The collection of Jassoidea has been found, and Ashmead is preparing a report on it, which I believe is now nearly ready. Ashmead, as you probably know, has turned in a splendid report on the Hymenoptera, containing descriptions of 200 new bugs, and

Trevor Kincaid - 2.

illustrated by these plates. Owing to a blockade in printing the Washington Academy's Proceedings, I fear this article will not be published for some little time.

O. F. Cook has finally got to work on the Myriapods and promises the report shortly. He says it will not amount to much, as very few species were collected.

I am very glad to know that the Washington legislature was so liberal with the University and that your prospects are so encouraging.

With best wishes.

Very truly yours,

C. Hart Merriam

the entire Harriman [illegible] (1½ vol.) [illegible]
[illegible] + cost — we expect to put it on
the market within 2 weeks — C. H. M.

Washington, D. C., April 30, 1901.

Dear Stanley-Brown

Inclosed herewith are the bills for April which have come to me for expenses in connection with the Harriman Alaska book.

Charles H. Verrill (for editorial work and proof reading)	$ 29.25
Publishers and Printers Engraving Co.	2.00
Maurice-Joyce Engraving Co.	4.50
New Era Printing Co.	152.15
Tarleton H. Bean (for proof reading)	3.45
C. Hart Merriam (for expenses of Editor's office)	10.35
Harry B. Hanger (for shorthand, typewriting, and clerical work)	45.00
L. L. Howenstein (for 5 drawings of insects)	22.00
Total	$269.33

I am inclosing also three receipted March bills which have recently been sent to me, instead of to Mr. Tegetheff.

Very truly yours,

C. Hart Merriam -

J. Stanley-Brown,
120 Broadway,
New York.

May 1, 1901.

Dear Stanley-Brown:

Yours of yesterday inclosing galley proofs of introduction received. Have sent it to printer & will send you type revise. Have already set type today, for ~~the~~ committee & am charged.

Is the Stewart land bill a law?

Is Humphries bill ~~passed~~ yet or not? Has not Timmerman's name all of ~~the~~ names?

Hoping to receive ~~to~~ before by tomorrow morning mail

Yours

Merriam -

Washington, D. C., April 30, 1901.

Dear Stanley-Brown

Inclosed herewith are the bills for April which have come to me for expenses in connection with the Harriman Alaska book.

Charles H. Verrill (for editorial work and proof reading)	$ 29.25
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Total	$269.33

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Very truly yours,
C. Hart Merriam -

J. Stanley-Brown,
120 Broadway,
New York.

May 1, 1901.

Dear Stanley-Brown:

Yours of yesterday inclosing galley proofs of introduction - rec'd. Have sent it to printer & will send you 6 for review. Have already had typewriting, proof-reading & am charged.

Is Mr Howenstein named Knight or Knight?

Is Humphries Talbot Allen or Nye? Has not Timmermann's record all of these names?

Hoping to receive the Preface by tomorrow morning mail

Yours
Merriam -

Retake of Preceding Frame

May 1, 1901.

Dear Mr Lewis:

I don't understand what you mean by delaying the index till you get cast proof of all the pages. You must have already finished proof of nearly everything & page revises of the remainder, have you not? The page revises is no good as plate for index purposes, as I will check up for errors. It should be in printer's hands now.

I suppose the last pages have now been cast.

Yours truly
C. Hart Merriam

Mr. W.W. Lewis

poor imprint

Washington, D. C.

May 7, 1901.

Mr. H. W. Lanier,

New York City.

Dear Mr. Lanier:

The delay about the paper is due to the fact that I have only this evening received the final report of the chemist on the various samples submitted. The outcome of these examinations is that three papers are recommended as of proper composition for durability, as follows: (1) The Mitineague Old Stratford papers; (2) a paper supplied by the Whiting Mills, Holyoke, Mass., marked Whiting Antique Wove No.2, and (3) a paper supplied by George W. Millar and Co., 62 Duane Street, New York, marked M 2. All of these papers are composed almost wholly of cotton fiber. The Mitineague is all right except that the fibers are so short that the paper has little strength. It is durable, but will not resist tear. The Millar No. 2 is stronger but not quite so handsome. The Whiting No. 2 seems to me a beautiful paper, but a little too thick in the particular sample at hand. I am willing to accept whichever of the three you select. In case you take the Mitineague I suppose No. 3 would have to be used for the cuts, although the Antique Wove has a vastly richer finish and would give the book a most elegant appearance if it would take the cuts. The Peter Adams Co. offer to furnish the Old Stratford papers at 13 cents; the others are considerably cheaper. The clay and other mineral matters in the three samples mentioned, falls below 3 percent. In the Reading Mills papers it varied from 18½ to 22 percent.

As to the size of the sheet, it is important to leave enough

H. W. L. 2

margin for trimming if the book is to be trimmed on top, as I suppose, so that the pages of the finished book will measure 7x10 inches full. I suppose the sheets should run about 29x41 or 30x42 to admit of trimming.

What has become of the index? It surely should be in type. You must have had cast proof, except the Grinnell' Salmon article; which I have been writing for without success until this morning, when I received word from the printers that the page revise had not been returned to them. I returned it on April 28 and so notified them. As it has miscarried I wired them to cast at once, but the index can be completed from the page revise as well as from the cast proof. To avoid further delay I enclose herewith a copy of the page proof of the article, although I suppose you have had it for a long time.

The more I look at the new title-pages the more I am convinced of their utter unfitness for this book. It seems to me that if you would have the old title-page revised in accordance with our plan, omitting Vol. I, and so on, and adding Brewer and Washburn to the list of authors, we could submit it to the Harrimans' with a a strong probability of its acceptance.

You are entirely right about the proof of the last batch of line drawings belonging to Gilbert's paper on Glaciers. As they are for Vol. VI, and as I have had my hands pretty full of Vol. I lately I simply side-tracked them. However, as they are in your way I will try to send them back tomorrow.

Very truly yours

C. Hart Merriam

Washington, D. C.
May 7, 1901

Dear Stanley-Brown.

The preface has not yet appeared, much to my disappointment.

The matter of title-page weighs on my soul. It is really a dreadful thing to spoil so good a book by such a title-page as either of those recently submitted. The old one, in my judgment, is incomparably better, and when altered by striking out Vol. I and so on, would make an attractive and appropriate handle for the book.

Very truly yours,

C. Hart Merriam

May 8, 1901

Dear Mr. Lanier:

In writing you last my intent
to say, at which, didn't, that I would
advise giving the printer the final say
as to which of the 3 samples of paper
is to be selected for the book. It
tells the one which the printer
says, will give best results in
the books.

Hoping to receive the book in
the morning

Yours,

Robert Burdick

Busy as bees, trying out work
for you today. Have mended nibs
[illegible]

poor imprint

Washington, D. C.

Dr. J. W. Folson,
404 West Clark St.
Champaign, Ill.

My dear Sir:

Your letter of the 5th instant reached me a day or two ago, and your manuscript and proofs of illustrations have just arrived.

In looking over the manuscript I still find 3 pages of synonymy which are too complicated and too badly mixed to be sent to any printer. I am returning these pages herewith, and should be obliged of you will kindly revise them and have them typewritten, or at least rearranged and written clearly, so that they may be intelligently followed by the compositor. It seem to me that you have overdone the synonymy; at least it appears to be overloaded, and a good deal of it is not synonomy at all.

The defective plates I will have made over at once.

Very truly yours,

Washington, D. C.
May 11, 1901.

Dr. Wesley R. Coe,
New Haven, Conn.

Dear Coe:

The various original drawings of your Nemerteans, and also the Hapaticæ from Doctor Evans, I have just returned to you along with a lot of left-over proofs which you may be able to make use of. I shall be obliged if you will turn over to Doctor Evans his share.

With kind regards,

Very truly yours,

Washington, D. C.
May 11, 1901.

Prof. C. C. Nutting,
Iowa City, Iowa.

Dear Professor Nutting:

I have just sent you by express a package containing your original Hydroid drawings, and a number of proofs which may be of use to you hereafter. I am glad to see that your paper is out today, and that it makes so good an appearance.

Very truly yours,

C. Hart Merriam

Washington, D. C.
May 11, 1901.

James McGee, Esq.
George W. Millar and Co.,
62 Duane St., New York City.

My dear Sir:

Pardon my delay in acknowledging your several letters and the poplar pulp, for which I am obliged. I had your second sample of paper carefully examined and tested and sent it to Doubleday, Page and Co., as one of three samples from which the paper for the book is to be selected.

Thanking you for your courtesy in this matter, I remain,

Very truly yours,

C. Hart Merriam

Washington, D. C.
May 11, 1901.

Prof. Wm. E. Ritter,
Berkeley, Calif.

Dear Ritter:

Your various drawings and proofs I have just sorted out and sent to you in two packages by mail. Proof of your Asteinas has just been sent you by Marcus Baker. Nutting's hydroid paper is out today, and you will doubtless receive it by the time this letter reaches you. H. A. E. papers have come in lately much faster than we can publish them.

You will be interested to know that the first volume of the Harriman book is now electrotyped and should be published within ten days.

Very truly yours,

C. Hart Merriam

Washington, D. C.
May 11, 1901.

Whiting Paper Co.,
Holyoke, Mass.

The second sample of paper sent me in connection with your letter of the 1st instant, arrived duly and has been carefully examined and tested. It is a strong and beautiful cotton stock paper, with an unusually small amount of mineral matter. I have forwarded part of the sample to Doubleday, Page & Co of New York, as one of three papers from which a choice is to be made.

Thanking you for your courtesy in the matter, I am,

Very truly yours,

C. Hart Merriam

Washington, D. C.
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Thanking you for your courtesy in the matter, I am,

Very truly yours,
C. Hart Merriam

You did not mention the finish of this paper.

Retake of Preceding Frame

Washington, D. C.
May 11, 1901.

Heliotype Printing Co.,
211 Tremont St., Boston, Mass.

The framed originals and proofs of paintings of birds and flowers loaned you by me a short time ago, have been returned in good condition, for which I am obliged. The flower group I have turned over to Coville; the birds I am holding for Fuertes to be shipped with a number of other pictures belonging to him.

Respectfully.
C. Hart Merriam.

Washington, D. C.
May 11, 1901.

Dear Stanley-Brown:

The batch of bills from Doubleday, Page & Co., dated May 8, and forwarded for my approval, are herewith returned. They are correct with two exceptions. It is for you to decided whether Mr. Harriman should pay insurance on the lithograph plates stored pending publication, and also whether he should pay for the clerical assistance necessary in looking over the lithographs in order to reject defective copies. The charges are reasonable enough, the only question being as to who should pay the bills.

Very truly yours,

C. Hart Merriam.

J. Stanley-Brown,
120 Broadway, New York.

Washington, D. C.
May 11, 1901.

Dear Mr. Lanier:

Again I am disappointed in not receiving the index. I certainly hope it will not be delayed longer than Monday. All the pages of the book proper (1-370) are cast and the plates can be sent you at any time, if not already sent.

I note what you say about the left-over paper, but have not yet done anything looking to photogravures for the technical volumes. The illustrations thus far made or in contemplation for these volumes have been either heliotypes or photolithographs.

Very truly yours,

C. Hart Merriam.

H. W. Lanier,
Doubleday, Page & Co.
New York City.

poor imprint

Washington
May 15, 1901

Dear Stanley-Brown:

The middle of May and no letter yet! The delay in getting out the book has knocked me out of my trip to the Catskills which I had planned for the first half of May.

The moment I have read from Lanier a letter advising that the Narrative Vol. be divided into 2 vols. on account of thickness. At first blush it strikes me that if the price is to be $1.00 it might be well to give 2 vols instead of 1 for that sum. I have

Washington
May 15, 1911.

C. H. Mowbray Esq.
New Cumberland Pa.
Dear Sir:
Now that you have done with the blocks for the Harriman Alaska book, please return same to me. Please see that they are properly packed. The last blocks were not packed at all and the metal surfaces pasted on one another.

Yours,
C. Hart Merriam.

Original Defective

Washington, D. C.
May 16, 1901.

Prof. Wm. Trelease,
Missouri Botanical Gardens,
St. Louis, Mo.

Dear Professor Trelease:

Your letters of the 9th and 10th instant are at hand and the manuscript on Mosses by Cardot and Theriot has also arrived, all of which I am very glad to see. I shall hurry along the Moss paper as fast as I can after we have the plates, but can do nothing with it of course until after the plates arrive.

Herewith I am sending you the remainder of Saunders' original drawings and two complete sets ~~sets~~ of proofs, so that each of you can retain one set.

Very truly yours,
C. Hart Merriam

Washington, D. C.
May 16, 1901.

A. Hoen & Co.,
Baltimore, Md.

Your first rough proof of the United States map came Monday morning but the copy in colors, which you promised to send on Tuesday, has not yet arrived. Can you not hurry this up ? I have delayed returning the first proof as I have expected the other by every mail, but as yet it has not arrived. I am sending Gannett's corrections herewith.

Very truly yours,
C. Hart Merriam

Washington, D. C.
May 16, 1901.

Dear Mr. Lanier:

Your letters of the 14th and 15th have arrived, as have also the dummy volumes for samples for thickness. The latter I am returning by express. With respect to the ~~latter~~ number of volumes I do not feel a strong preference either way. The volume of the 'World's Work' is probably twice as heavy as the Harriman book will be, for the reason that it is printed on half-tone paper heavily weighted with clay and plaster. The Mattineague paper, which you say you have decided upon, contains only a trace of mineral matter and is exceddingly light. I see only two advantages in dividing the book into two volumes: one of these is that the average buyer would think he was getting more for his money—ten dollars. You know I have always thought ten dollars($10.) too high a price for this volume--a price which will be absolutely prohibitive in the case of a vast number of good people who would like to own the book. The other reason in favor of two volumes is that they would naturally be numbered 1 and 2, so that the first of the technical series would be Vol. 3. This would be a decided advantage over having no volume number on the narrative part. I have written Stanley-Brown with respect to this matter and you will doubtless hear from him as to Mr. Harriman's views. I am willing to abide by the decision of the majority—provided the price shall on no account exceed ten dollars.

What you say about getting rid of the extra photogravure paper looks to me as if you had gone back on your early assurance that you could easily sell 5,000 copies of the book. Probably the high price

Lanier.--2

you have put on it has already killed its sale. However, I am still far from discouraged as to the sale of a large edition, and feel confident that with reasonable effort 5,000 copies may be sold. Think of the large number of libraries which must have a book of this kind.

Spader's last bill($22.50) which you enclosed is all right, and is returned herewith.

Meisel's letter also is returned. He is in too big a hurry. It will not be possible to let him print the plates for the technical volume on worms probably for six months, as it is not likely to be possible before that time for us to know what numbers the plates will bear.

Moen is off about that map. He agreed to send me proof in colors on Tuesday, but it has not yet arrived. I refer to a map of of United States which Mr. Harriman insists must be printed on the same sheet with the Alaska map.

The index has just arrived this afternoon, and I have begun work on it. I have edited and constructed indexes for 20 years, and have served on several complicated index committees, but have never yet seen anything in the index line quite so supremely idiotic as this mass of slips. It has obviously been made by a person utterly unacquainted with the subject, or the needs of an index, and its laborious construction appears to be the result of a blind attempt to follow rules which might have been framed for indexing a history of the Universe in a thousand volumes. The trivial detail that the paster of the slips did not arrange them alphabetically is of no consequence, of course, except at this end of the line, where

Lanier.--3

the thing will have to be whittled down and reconstructed at the earliest possible moment. Judging from the few pages I have gone over I should guess that one entry out of fifteen might stand. No wonder the indexer has been several weeks in the performance of so prodigious a task. He should be sent to the seashore to recuperate.

Very truly yours,

C. Hart Merriam

Mr. H. W. Lanier,

Doubleday, Page & Co.

New York City.

May 19, 1901.

Dear Mr Lanier:

About the division into 2 vols:
If we divide between pp. 184 + 185, as I feel we should, the result is as follows:

	Volume I	Volume II
Colored plates	24	15
Photogravures	48	36
Maps	2	1
Pages in book proper	184	186
Preliminary matter	37	
Index		20?
	295	258

This makes a difference of say 1/4 inch in the thickness of the 2 vols. which I rec'd for much I think. It could be diminished 20 pages by dividing the contents & list of illustrations. Shall we do this or not?

Yours truly
C. Hart Merriam

Mr. H. W. Lanier

#1919 Sixteenth Street.

Washington, D.C., May 21, 1901.

Dear Mr. Lanier:-

On receipt of your telegram last evening, I went to work on the question of readjustment of plates and after a struggle of several hours, found that it would be possible to [illegible] ton on a dozen of the inserts to the second volume. I wired you to this effect early this morning.

Do you think Bellenoaugh's painting of Frazer Reach would make the best frontispiece for the second volume?

I suppose you received the page proof of the preliminary matter which I put in the bundle with the returned volumes a few days ago. The readjustment of plates will necessitate a transposition of matter all along through the list of illustrations. You have not written me as to whether or not you think the contents and list of illustrations should be divided. I ought to know this at once.

I have now worked more than forty hours in revising and editing that infernal index and I go to have a clean copy ready for the printer by tomorrow. It really was a shame for you to fire such a make-shift of an index at me without any editorial revision or scrutiny of any kind. It seems as if I had been afflicted already with enough unnecessary clerical work in connection with this book without this additional straw.

By the way, I suppose Stanley-Brown handed you the new title pages I gave him Sunday. How do they strike you?

Very truly yours,

C. Hart Merriam

H. W. Lanier, Esq.,
Dr. Doubleday, Page & Co.,
#34 Union Square, New York.

#1919 Sixteenth Street,

Washington, D.C., May 21, 1901.

E. O. Cockayne, Esq.,

The Heliotype Printing Co.,

#211 Tremont St., Boston, Mass.

My dear Sir:-

I am sending you by express herewith, 24 additional line drawings for reproduction as photo-engraved plates for the joint use of the Washington Academy of Sciences and the Harriman Alaska book.

These plates are as follows:

Willows,	Coville,	10
Mosses,	Theriot,	11
Insects,	Ashmead,	3

The edition required will be, for the Washington Academy 1500 copies, and for the Harriman book 1000 copies, as usual.

What has become of the remainder of Professor Verrill's star fish plates? I have just received from him the corrected proofs of the first batch and would like to hold them until the others come so that I can arrange the final numbers and send them all back for lettering.

Your new proofs of the previous batch of photo-lithographs came duly and were forwarded to the authors and have not yet been returned to me. Most of them were an improvement over the first proofs, but some were a little overdone in the direction of lightening.

Very truly yours,

C. Hart Merriam

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1919 Sixteenth Street.

Washington, D.C., May 24, 1901.

A. H. Hershey, Esq.,

New Era Printing Co.,

Lancaster, Pa.

My dear Sir:-

The Alaska blocks sent by express arrived today, for which thanks.

What has become of the final corrected proofs of the Alaska book? You doubtless remember that I sent you a couple of months ago my best set of plate proofs marked for a few important corrections and numerous broken type. Since then, I have not received a single page of the corrected proofs of this matter and have been and still am much handicapped in the preparation of index and otherwise by the absence of the duplicate set. In fact, certain pages are lacking in my first set so that I have no absolutely complete set.

Herewith I send you copy for the greater part of the index. The remainder will follow tomorrow. Please set this in double column like the index for the Washington Academy of Sciences.

The publishers have decided to divide the volume into two and have asked me to transfer a dozen plates from the first to the second volume. This makes a bad mess of our list of illustrations already in page proof. However, there seems to be no help for it and I will send you tonight an impression proof marked for the necessary transpositions.

Very truly yours,

C. Hart Merriam

1919 Sixteenth Street,

Washington, D.C., May 23, 1901.

Dear Professor Verrill:-

Pardon my delay in replying to your letters. I am glad to know of your safe return and that your trip to the Bermudas proved so successful. The starfish plates you returned have arrived and I will forward them at once to the Heliotype people for the necessary corrections and new plates. Did these proofs cover all of the originals transmitted by you?

I have approved your bill and it will go to Mr. Harriman the last of the month and will be paid doubtless during the following week. I am not at liberty to transmit bills except at the end of each month.

I am very glad to hear that Miss Bush is finding so much of interest among the Annelids. I infer from your letter that she has completed work on one group and is likely to transmit the results to me for publication at an early date. I hope this will be as soon as possible as I want to get as much material under way as I can before leaving for California for my summer's field work.

I am not quite clear as to whether the additional illustrations you mentioned are for this paper or a subsequent one. I should like to have the illustrations as soon as possible; take particularly a few of those to be produced by heliptype process, in order to complete multiples of eight in the case of other plates now waiting in my hands.

You ask for an additional authorization for the preparation of illustrations, but do not state the amount. Your illustrations have already cost several times as much as those of any other author and I feel a little timid about asking for any considerable additional allotment. However, if you will let me know the amount necessary, I will see what can be done.

Very truly yours,

C. Hart Merriam

1919 Sixteenth St.

Washington, D.C., May 24, 1901.

A. Hoen & Co.,

Baltimore, Md.

Gentlemen:-

Mr. Harriman has no further suggestions to offer respecting the U. S. map so that I trust you will be able to put the remaining corrections on at once if you have not already done so.

I note what you say in your letter of the 22nd respecting the position of this map on the page. You are entirely right in placing the Alaska map on the left, the U. S. map on the right, but I am not quite sure as to how the two will look if separated by only a single black line. However, your judgment in this matter should be better than mine.

Very truly yours,

C. Hart Merriam

1919 Sixteenth Street.

Washington, D.C., May 23, 1901.

Dear Mr. Lanier:-

Have you received the plates from the New Era people, and has De Vinne completed the make ready? If so, I should like a set of the printed sheets as soon as possible as I have no absolutely complete set of plate proofs. I have sent so many pages back for corrections that it has encroached on my own dummy.

I will see what I can do about the lists of scientific societies and think I shall be able to send you what you want.

Yours of the 22nd came today along with a batch of Hoen proofs. I am glad you agree with me as to the use of the Dellenbaugh painting of Frazer Reach for the frontespiece to volume two. I will send the list of illustrations to the New Era people for revision at once. Am glad also that you like my new scheme for title pages for the two volumes and am anxious to see how they will look in type.

I have been working on your index ever since I wrote you last. Yesterday I staid home from office and put in fourteen hours on it solid. Today I have worked eight hours on it and shall get the greater part of it off to the printer tonight.

The last paragraph of your letter contains something that is too much for my brain after the strain I have just had with the index, otherwise I might understand it. You say that Hoen returns all the originals except the bear, Longspur, Barry glacier and Bryn Mawr glacier, none of which are in his possession. In the next sentence you ask me what you had better do with the original of the bear. In my present mental condition, it is difficult for me to conceive how you got the bear, but if you did get it, you must have got it out of Mr. Harriman's house and I should advise you to return it as soon as possible.

Very truly yours,

May 25, 1901.

Mr. H. B. Torrey

U. S. Fish Commission Laboratory

Beaufort, N. C.

Dear Sir:

Professor Ritter writes me that your report on the anemones is about ready for the press. I am very glad to learn this and shall be obliged if you will send me as soon as possible the illustrations you have prepared so that I may arrange for their reproduction before leaving for my summer field work in the west.

Very truly yours,

1919 Sixteenth Street.

Washington, D.C., May 23, 1901.

Dear Mr. Lanier:-

Have you received the plates from the New Era people, and has De Vinne completed the make ready? If so, I should like a set of the printed sheets as soon as possible as I have no absolutely complete set of plate proofs. I have sent so many pages back for corrections that it has encroached on my own dummy.

I will see what I can do about the lists of scientific societies and think I shall be able to send you what you want.

Yours of the 22nd came today along with a batch of Hoen proofs. I am glad you agree with me as to the use of the Bellenbaugh painting of Frazer Reach for the frontespiece to volume two. I will send the list of illustrations to the New Era people for revision at once. Am glad also that you like my new scheme for title pages for the two volumes and am anxious to see how they will look in type.

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Very truly yours,

C. Hart Merriam.

Retake of Preceding Frame

May 24, 1901.

Dear Prof Kenrick:

By express I sent you this morning another lot of staff & perspective cuts. Let me hear from you & let me know if you can keep them.

Will it do to say blackboard sketches as a running caption for all the 32 odd plates?

Yours

Lewis

Prof. A.E. Kenrick
New Haven

May 24, 1901.

Dear Mr. Lanier:

I don't see how you're to today in time to see you before your closing time. Had two long visits from Mr. Harriman and disposed of several questions as follows:

1. Length. He accepts the 100 word limit and would like 2 pp. more in type just a little smaller. Have agreed to take a few pp + trim off the table of contents A in ALA-AA.

2. Date of publication. He agrees to let you do as you think best about delaying it till fall, with the understanding that he is to be furnished shortly with the copies needed for his personal use.

3. Price. He is inclined to confirm at $1.50, though speaking that the price may be as high as $2.

4. Authors reprints. He wishes each author to receive 15 copies of his paper complete, with illustrations. If you will share the 4 titles I sent to me I will distribute them with his compliments.

Lewis

Original Defective

Your letter of yesterday recd. Will leave the heading 'Extent' & 'Illustration' as they stand.

There ought to be no lettering on the side of the cover. This was decided months ago & I wrote you to this effect at the time. The back will be stamped as follows: Hawaiian
Alaska
Exhibition

(My only regret is that that infernal diamond ring setter is not to go too!)

Yours Merriam.

Mr. A.W. Lewis
Assistant Superintendent.

May 26, 1904

A.W. Lewis
Esq.
Dear Sir:
Receipt returned of the
Alaskan Index, & copy for Preface.
Yours
Chas. H. Merriam.

Original Defective

Your letter of yesterday recd. Will leave the heading 'Contents' + 'Illustrations' as they stand.

There are to be 12 letterings on the sides of the cover. The one, dated twenty-first + I want you to have effected at once. The last will be lettered of course: Harriman Alaska Expedition

Vol I

Dr. Merriam.

Hy only regret is that that inferior diamond dye-letter is not to go on!

in A.W. Lawrence
Lambert Log, Pages 4 & 5.

May 20, 1904

A.H. Kinsley
Law Bldg
Dear Sir:
Herewith I return fully proof of the Alaskan Index, & copy for Preface.
Yours
Edward Harriman.

Original Defective

Retake of Preceding Frame

May 31, 1901

Mr. Henry Ravl Torrey
Redlands, N.C.

My dear Sir:

Thanks for your promptness. Your letter, illustrations, and article on Anemones arrived today. The text figs. are not marked for scale of reduction; the others are. These unmarked are evidently heliotypes. Please mark reduction & return. The rest of N. Am. may require some changes. The plates will reproduced by heliotype, & so the text figs may best result. The text figs. will go all right in the text.

Your typewriting lacks reference.

Thanks for proofs and
of the best we have read.
It is a genuine pleasure to
receive for publication a
paper practically ready for
the printer — & we will observe
that I am accepting.

Very truly yours
C. Hart Merriam.

In Proceed. a transition
Islands, with figures full out.
The number of separates, usually
limited to 100.

Original Defective

Washington
June 3, 1784

C. A. Cochran Esq.
Helicotyl Printing Co.
Boston

Dear Sir:

Herewith I return you proof of the 40 Helicotyl plates of Pacific Graphic, marked for corrections. I am sufficiently sure that the many of these are fully and distinctly, with the following exceptions, of the plates here & there angular. Victor the proof letter signal, of 2, 3, 9, 17, 19, 25, 27, 31, 37, 38, 39.

All of the plates should have numerals inserted, as indicated. They should be lettered on top: Proc. Wash. Acad. Sci. Vol. III

as heretofore, in type the same as the proceedings. The plate numbers will of course run consecutively. The running caption at bottom should be:

Notes to Pacific Graphic
Prof. C. Hart Merriam

Washington
June 5, 1784.

C. A. Cochran
Helicotyl Printing Co.
Boston

Dear Sir:

The proofs of the 40 Helicotyl plates of Pacific Graphic have returned. A list of proofs of the plates [illegible] Pacific Graphic and I [illegible] the letter [illegible] Victor [illegible].

The numerals in the separate need cleaning up a [illegible] as reflecting by type. We usually use a type face for numerals in our [illegible] letters.

When can you send proofs of the next lot [illegible] ing. Must [illegible] plates?

Yours
C. Hart Merriam

Original Defective

Washington
June 3, 1904

E. B. Cecelayer Esq.
Heliotypist Printing Co.
Boston

My dear Sir:

Herewith I return by express proofs of the 40 Heliotypic plates of Averill's Staphylinidae, mailed for corrections. I am satisfied that as many of these are fairly and distinctly, with strong margins, & top effects here & there unmarked. Note the proofs I return original, of 2, 3, 9, 17, 19, 25, 27, 31, 37, 38, 39.

All of these plates should have numerals inserted, as indicated. They should be lettered on top: Proc. Wash. Acad. Sci. Vol III [illegible] as heretofore, in type to agree with our headings. The plate numbers I will put on next proofs. The running caption at bottom should be:

Notes Pacific Staphylinidae
Respectfully
C. Hart Merriam

Washington
June 3, 1904.

E. B. Cecelayer
Heliotypist Printing Co.
Boston

My dear Sir:

Later [illegible] Heliotypic plates of Averill's Staphylinidae I have returned a set of proofs of the plates [illegible] plates of February's (Vol 3 no. 2) & Saunder's (Vol 3 no. 1). Plate 19 of the latter needs special attention.

The numerals in the upper plate need changing up a notch, or else replacing by type. We usually use type four for numerals in our plates.

When can you send proofs of the last batch of drawings I sent you for photolithos?

Respectfully
C. Hart Merriam

Original Defective

Retake of Preceding Frame

June 3, 1901

A. Hahn & Co.

Dear Sirs:

What is the trouble now? What has occurred of the Alaska, you wish to deliver without fail in April for the Alaska trade? and what has become of seven troops of the U.S. Mail & the whole batch of mails?

Respt

C. Hart Merriam.

Washington, D. C.

June 3, 1901.

J. Stanley-Brown,

120 Broadway, New York City.

Dear Stanley-Brown:

The following bills for work and materials for the Alaska book for the month of May have come to hand and are herewith enclosed.

Expenses of editor's office.....		$ 11.65
A. Hoen and Co., photolithograph plates of Ascidians and Hydroids.....		$237.26
L. M. Fox, stenography.....		4.80
Dr. Tarleton H. Bean, proof-reading.....		4.05
E. A. Verrill, photographic negatives &c Annelids and Echinoderms.....		182.90
H. M. Judd, proof-reading.....		8.00
A. B. Morrison, typewriting index &c....	4.00	
Miscellaneous work 15 hours.....	4.50	8.50
		$457.22

Very truly yours,

C. Hart Merriam

P.S. Enclosed also a receipted bill for one of the months' accounts which was sent him to rectify instead of the bill for the month of [illegible] index.—CHM

E. H. Harriman

Washington, D. C.
May 31, 1901

To C. Hart Merriam Dr.

Expenses of Editor's office for month of May 1901: Alaska book:

Postage.			$6.30
Telegrams:			
May 6, New Era Co.		.26	
7 " "		.26	
8 " "		.28	.80
Express charges:			
May 10	to Prof. C. C. Nutting, Iowa City	.61	
20	from Prof. Verrill, New Haven	.35	
20	to Prof. Trelease, St. Louis	.46	
21	to Heliotype Co., Boston	.36	
23	from Lancaster, Pa.	1.25	
28	Prof. Verrill, New Haven	.31	
28	from Heliotype Co., Boston	.40	
31	from Prof. Verrill, New Haven	.35	
31	to Heliotype Co., Boston	.35	
			4.55
			$11.65

Received payment

June 5, 1901

Dear Mr. Lamb:

I am amazed at what you say about receiving only 164 pages of the Alaska plates from the New Era. I have written them to this effect. I rec'd. from them (+ suffrage) exhibits) plate proofs of last pages (of a 370 ind.) a month or six weeks ago, since which time office has been doing nothing to do.

Type proofs of the Index came this morning and go back this eve.

I fail to see why authors separate should be treated in the slap-bang way you suggest. They should be finished with as much care as Mr. Harriman's copies of the book — in fact, should be simply 15 sets of sheets withdrawn from the regular edition.

Mem was in today + told me all the plates + info were sent you last week.

Yours truly,
E. Hart Merriam.

(H.W. Lamb)

June 5, 1901

C.H. Merriam Esq
New Era Building
D.C.

Yours of 11th & 12th, and by some mistake from Saturday's mail is to hand. I am very glad to receive the plates of only 164 pages of the 370 pages of the Alaska book of which I rec'd. plate proof a month or six weeks ago! What in the world is the trouble at your end of the line?

Proof of slip of the index is returned herewith. The two names inserted on p. 373 (Kee-tsuk-ka) were inserted in the galley but failed to catch.

Respy -
E. Hart Merriam -

Original Defective

June 5, 1901.

Mr. Harry C. Jones
141-143 Fifth Avenue
New York City.

Dear Sir:

By this mail I am sending you 17 small line drawings for reproduction by photoengraving. The drawings, with one exception, are pasted on sheets of pasteboard and the reduction is marked on each. Please block separately and let me have duplicate proofs at your convenience.

Respectfully,

E. Hart Harrison

Washington
June 5, 1901.

Dear Pope or Verrill:

Your letter of June 2d & 4th received & reply to same. In proofs of steps in plates came duly and were forwarded to J. Wellington & Co. with corrections. I expect to start per California with the proofs to correct and hope to get your line cuts enough in for galley proofs before I go. If so, it will take it some days more.

I need 4 more plates to go with 4 I have, to complete a set for Wellington. I don't care whether they are mounted or not when printed they are for the paper which will be ready next after your steps finish for me.

Need not require proofs to be typewritten. Copy in clean & legible for the compositor it goes all right.

In accordance with your estimate, ninety dollars ($90.00) will be allowed for the remaining illustrations for me and Miss Beach.

Very truly yours
C. Hart Merriam.

Prof. A. E. Verrill
New Haven, Conn.

Original Defective

June 5, 1901

Dear Father:

Yours of the 21st May came several days ago, & since receipt I've been home sent me your bill of $10. for the Kaye frame which I have offered & returned.

This picture is intended for participation in Intl. Exhibition, & it looks coarse & rough. I am wondering if you couldn't see it over in Wash & if could substitute of photogravure or heliotype.

Much love

Affectionately

W. E. Hearn
Brooklyn

June 6/1901

Dear Mr. Harris

Yours of 5th Today rec'd. along with proofs of preliminary matter. I am returning them herewith with Preface added, Dedication page, + a few corrections made. The corrections embody the color bird plate (Lalime Gull) which faces p. 234 + gets backed up with the page — four pages. The color Dearborn plate was intended for Mammal volume.

Hope to send you complete page review of all the preliminary matter (pp. i – xxxviii) in a day or two.

Have stitched into them six pages for note sending you the rest of the plates of the book proper. Sent Thursday.

Mr. Wm. Harris

Washington
June 7, 1904.

R. H. Hershey Esq
New Era Printing Co.
Dear Sir:

Your letter of the 6th inst. recd. I am at a loss to understand what you mean by saying you "have not recd. a final author's proof" of the matter for the Rancho book beyond p. 209. I recd. Sunday proofs of this matter from you 6-7 weeks ago, since which time I have recd. the final trimmed plate proofs of pp. 291-331 & have wondered why you didn't send the small remainder. However, as this last kind of proof has always been very irregular & sometimes has not come at all, I was not particularly surprised. I inclose herewith pp. 289, 290, 333, & 341. I don't see what I can do further in the matter. I certainly don't intend to read this vast stuff again for broken type.

Your trouble seems to be that you set the type aside instead of going right ahead with it, and now have forgotten where you are at — Too same old story!

Respy.
A. Hall Harrison —

June 9, 1904.

Dear Stanley Brown:

Here is a clean copy of page
series of the 'Outlook' inter-
transposition made as suggested.
On receipt of it I hope you
will give me authority to cast,
or if changes seem necessary to
Mr. Harriman, return with same
Monday A.M. I can have it Tuesday
morning at latest. If I receive
to late I pray I shall not
see a copy of the book before
going to California.

Yours,
Harriman.

J. Stanley Brown Esq.
120 Pinay, N.Y.

Washington
June 9, 1901.

Dear Mr Lanier:

The fox painting should be sent to Mr. Harriman.

Heen's bill is fearfully high, and in my judgment unreasonably so. It seems as if almost everybody who has done anything for the books has put up the price from 10% to 100% higher than usually charged for similar service or materials. Heen's usual charge for colored bird plates, if I am not greatly mistaken, is $50. He made a lot for us once, in an edition of 5000 copies, for considerably less than three.

The New Era people appear to be making a 'bluff' on the delay in sending on the plates. I returned the last proofs to them + rec'd. four days proof (-8 inches ago. Have called their attention thrice.

About the 15, copies of author's separate: You forget for the moment (when writing on the 6th in re) that every chapter begins on a new odd page, so that there is no overlapping of articles + it is only necessary to take out 15 sets of sheets of the regular edition of the books and stitch each author's part together

with the plate belonging thereto. If me, not contemplated to have them bound, though a stiff fifer cover would greatly help.

Yours &c
C. Hart Merriam.

Mr H.W. Lamie
Doubleday Page & Co.

Washington
June 9, 1901.

E. A. Cockayne Esq
The Macmillan Co.
My dear Sir:

When can you send me proof of last batch of drawings with I sent you May 21 for reduction as photo-bibliographic plates? Among them were ten (10) plates of Williams for an article by Conville. These can be numbered 33–42 inclusive.

The 20 Saunders algae plates, which I returned to you on June 3, may be numbered 43–62 inclusive and can be finished & printed at once.

I expect to leave for California about the end of the month and am anxious to get the illustrations out & paid for before that time. Chemical thesis will have to go over till fall.

Yours,
C. Hart Merriam.

June 14, 1901

Dear Mr. Cockayne:

You ought to receive by the time to mail to write.

[illegible]

Secretary Hyatt's bill of June 10 is returned herewith approved. The bill of June 12, containing Mann's big bill, I am holding up to look into certain items.

We expect to leave here on or about July 4 and to proceed as directly as practicable to San Francisco, and thence to Lassen, where we leave the railroad and set out on our camping trip along the Tioga road, which in the main follows the Tuolumne River, just north of Yosemite.

My address after July 4 will be Academy of Sciences, San Francisco. From July 10 to August 25 it will probably be Sequoia P.O.

Yours
C. Hart Merriam.

884

June 15, 1904.

C. H. Hockey
New Era Printing Co.
Dear Sir:

What is the hitch now? I have just recd. a telegram from Doubleday Page saying that up to noon today Lebanon had recd. no plate from you for the Wachusett page 274, and that in consequence both had been shifted.

Please wire me on receipt of this the date on which you will deliver on ship the last of the plates, if they have not been already shipped.

Resp.
C. Hart Merriam.

June 18, 1901

Dear Shafer:

At last I've got it your last drawing and am sending it to you herewith. I think it admirable & possible of its kind, but not the right kind for a frontispiece. If you make a mark drawing as good as this it will be fine.

Expect to leave for California about the end of the month.

Yours truly,
C. Hart Merriam

W. E. Shafer
190 - 12 St.
Brooklyn

June 18, 1901.

Dear Mr. Lewis:

After bluffing a good deal to kill time, the New Era people told me they sent yesterday the rest of the plate for the Alaska book, so I think this removes the last obstacle.

Herewith I return the proof of the last list of the Gilbert glacier pictures — 12 Nos + 4 marked for corrections or cleaning up.

Yours truly,
C. Hart Merriam

Mr. H. W. Lewis
Doubleday Page & Co.

June 17, 1881.

Dear Prof. Merrill:

Your letter and the print arrived (1) photographic prints of Miss Cook's Annulids arrived this afternoon, and I (after the plates have been cast [illegible] long but exciting) set about to exchange for reproduction by heliotype process, but I fear it is now so late that we will not be able to make the issue I have for California.

I've have not heard whether or not your bill or Stimpson will come in time to be attended to before I go.

Mrs. Harriman and I were greatly grieved to learn of the illness of your daughter Edith and trust she is now out of the woods.

We are very glad the species on Isopods with eyes are of the forms instead of still in the future — and trust the engravings are all right. Please give Miss Cook and Schmitt my love and best wishes.

With kindest regards from us all

Yours truly
E. Hart Harriman

(Prof. E. Merrill)

Prof. Merrill has the letter of June 17 in his possession

Wellington
June 17, 1881

Mr. E. C. Vanleyen
Heliotype Co.
Boston Mass.

Dear Sir

I am very sorry at the delay in proofs, continue without sign of abatement — at best, no proofs now or recently, have reached me yet.

Herewith I send you 3 Express original of 8 plate for reproduction by Heliotype process as follows: Eolamus Atteuatus 2; Tomopteris Americana 2; Nereis Annulata 4.

In the case of the photographic plates, please see that the reference numerals and letters are perfectly placed within the photographic squares.

All of these 8 plates are for the Mem. Acad. Sci. and the Harriman books, so the edition will be 1300 + 1000, as usual.

I trust you will be able to give us proofs of these at once, as I am attending to letters and receiving corrections up to my departure about the end of the month.

Yours truly
E. Hart Harriman

poor imprint

June 16, 1914

Dear Prof. Tuke,

Yours of the 17th in hand, with addition, to Carlet, Tufts on Alaska matters. I have handed them to Mercer, Baker, my successor in the editorship of the Rec. of the Mark-Read. Lib., and he will attend thereto.

Sorry to learn about the new Tufts on Alaska matters — pity we couldn't have traded him off!

Best —

Merriam.

(cf. Mrs. Tuke)

June 21, 1901

C. H. Kuebler Esq.

Dear Sir:

Doubleday Page & Co. write us to know why they can't have the plates of pp. 369-383 for printing, so as not to be obliged to set the pages it would be necessary to change this on the same file. As I know no reason why these plates should not be sent them at once I am referring their inquiry to you.

Resp.

C. Hart Merriam

Washington
June 20, 1901

C. Hart Fitz.

Dear Sir:

Your colored map of the United States showing the limits of the Austral Life Zones contains several serious errors, chiefly in the case of lakes which are indicated where there is only dry land. Some of these are indicated on the colored copy. What can you do about it?

It was a great pity, as well as a most unusual performance, that you printed the map without submitting corrected proofs in color.

Your bill for the colored plates and maps has been sent me from the Harriman for approval. I am amazed at the large prices you have charged for these work, all along the line, and particularly for the maps, and shall be glad if you will look over your accounts and see if you have not made some mistake.

Resp.

C. Hart Merriam

C. H. Kuebler & Co.
Baltimore, Md.

poor imprint

12 Elm
June 21, 1901

A. H. Hershey
Mountain Lithy Co.
Dear Sir:
Have just recd. from Mr. Herring
by express duplicate final proof of
the Preface.
Ref:
Final Revision.

poor imprint

END OF REEL.

PLEASE REWIND.